### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

ser ID: XCMROBBINS						RAW DA	TA REPOR	Т							
Report Request ID:	1762390			R	eport Code:	AI	MP350							Jul. 16	, 201
					GEO	GRAPHI	C SELECT	IONS							
	Tribal Code	State	County		Parameter		City	AQCR	UAR	CBSA	CSA	EPA Region			
		42	007	0727 1		2									
Parameter	OL SELECTIONS														
Classification P	arameter Me	thod	Duration												
ALL	C	089													
SEL	ECTED OPTIONS									SORT	ORDER				
Option Type				Option	Value			Order		C	olumn				
RAW DATA EVENTS	S		I	NCLUDE	EVENTS			1		STA	re_code				
DAILY STATISTIC	ls			MAX	IMUM			2		COUN	TY_CODE				
AGENCY ROLE				PQ	AO			3			TE_ID				
UNITS				STAN	DARD			4			_	-			
INCLUDE NULLS				Y	ES						ETER_COD	E			
MERGE PDF FILE:	S			Y	ES			5			POC				
DATE (	CRITERIA											APPLICABI	E STANDARDS		
Start Date	End Date	2										Standard	Description		
2014 01 01	2018 12	31										CO 1-ł	10ur 1971		
												Lead 3-	Month 2009		
											Lead	3-Month PM	110 Surrogate	2009	
												Lead Qua	rterly 1978		
												NO2 An	nual 1971		
												Ozone 1	-hour 1979		
													-hour 2006		
												PM25 24	-hour 2012		

SO2 1-hour 2010

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY AIR QUALITY SYSTEM

							RAW DATA F	REPORT					Jul. 16, 2019
SITE II COUNTY: CITY: ( SITE AI SITE CO MONITOP	12103) Arseni D: 42-007-072 : (007) Beave 00000) Not in DDRESS: LITTI DMMENTS: R COMMENTS:	7 POC: 2 r h a city LE BLUE RUN		Of Environment			LAND US		WEST PENNSYLVANI )) NOT IN AN URE			CAS NUMBER: LATITUDE: LONGITUDE: UTM ZONE: UTM NORTHING: UTM EASTING: ELEVATION-MSL PROBE HEIGHT:	7440-38-2 40.6118996483 -80.500451209 : 287
	R TYPE: OTHER	-	ta Department	OI Environment.	ai Proceccion		REPORT	FOR: 2014			DURATION	: 24 HOUR	
COLLECT	FION AND ANAL	YSIS METHOD: (	089) HI-VOL I	CP/MS W/QUARTZ	FILTER						UNITS: M	icrograms/cubic met	er (25 C)
PQAO:	(0851) Pe	nnsylvania Depa	artment Of Env	vironmental Pro	tection						MIN DETE	CTABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1 2 3								.001	.001	.002	.001	.000 ND	
4 5 6	.001	.002	.002	.001	.001	.002	.000 ND						
7 8 9 10		.000 ND				.002	АМ	.002	.001	AF	.000 ND	.001	
10 11 12 13	.000 ND	.000 ND	.001	.001	.002	.002	AP				AF	AF	
14 15 16		.001				AF	AF	.001	.002	.000 ND			
17 18 19	.000 ND		.001	.001	.001						AG	.001	
20 21 22		.001				.002	AF	.001	.001	AF			
22 23 24 25	.000 ND	.001	.000 ND	.001	AF	.002	AF				.000 ND	.000 ND	
26 27		001					000 100	.001	.002	.001			

28 .001 .002 .000 ND 29 .001 .001 .001 30 .000 ND 31 .002 5 5 5 5 4 2 5 5 3 3 NO.: 4 MAX: .001 .002 .002 .001 .002 .002 0.000 .002 .002 .002 .001 .002 .0010 .0008 .0013 .0020 0.0000 .0012 .0014 .0010 .0003 .0008 MEAN: .0004 .0010 ANNUAL OBSERVATIONS: ANNUAL MAX: .002 51 ANNUAL MEAN: .0010

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

5

Jul. 16, 2019

(12103) Arsenic (TSP) STP		CAS NUMBER: 7440-38-2
SITE ID: 42-007-0727 POC: 2 COUNTY: (007) Beaver CITY: (0000) Not in a city SITE ADDRESS: LITTLE BLUE RUN SITE COMMENTS: MONITOR COMMENTS:	STATE: (42) Pennsylvania AQCR: (197) SOUTHWEST PENNSYLVANIA URBANIZED AREA: (0000) NOT IN AN URBAN AREA LAND USE: INDUSTRIAL LOCATION SETTING: RURAL	LATITUDE: 40.6118996483 LONGITUDE: -80.500451209 UTM ZONE: UTM NORTHING: UTM EASTING: ELEVATION-MSL: 287 PROBE HEIGHT:
SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection	2015	DURATION: 24 HOUR

MONITOR TYPE: OTHER REPORT FOR: 2015 DURATION: 24 HOUR
COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER
PQA0: (0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1 2 3 4 5		AF	.002			.001	.004 5	.000 ND	AF	.001	.002	AF
6 7 8 9 10	AG		.000 ND	.001	.001			.002	.001	.000 ND	.001	.002
11 12 13 14	.001	.001	.000 ND	.003	.000 ND	.000 ND	.002				.000 ND	.000 ND
15 16 17		.001				.001	.001	.002	AF	.000 ND		
18 19 20 21	.000 ND		.002	AG	.000 ND				.001	.001	.000 ND	.000 ND
22 23 24 25	AF	.001	.001	.000 ND	.005 5	.001	.001	.003				
26 27 28 29						.000 ND	.002	.002	.001	.002	.000 ND	.000 ND
30 31	AF		.000 ND	.001	.000 ND			_		-	-	
NO.: MAX:	2 .001	3 .001	6 .002	4	5 .005	5 .001	5 .004	5 .003	3 .001	5 .002	5 .002	4
MAX: MEAN:	.0005	.001	.002	.0013	.0012	.0001	.004	.003	.0010	.002	.002	.002
	L OBSERVATIONS:		ANNUAL MEAN:		ANNUAL MAX:	.005						

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY AIR QUALITY SYSTEM

							AIR QUALII	I SISIEM					
							RAW DATA	REPORT					Jul. 16, 2019
(1	12103) Arsenio	c (TSP) STP										CAS NUMBER:	7440-38-2
९ागम गा	D: 42-007-0727	POC: 2										LATITUDE:	40.6118996483
	: (007) Beaver						STATE:	(42) Pennsylv	ania			LONGITUDE:	-80.500451209
	00000) Not in						AQCR :	(197) SOUTHWE	ST PENNSYLVANI	A		UTM ZONE:	
	DDRESS: LITTL	-					URBANI	ZED AREA: (0000)	NOT IN AN URB	BAN AREA		UTM NORTHING:	
	ODRESS: LIIIL. OMMENTS:	E BLUE KUN					LAND U	SE: INDUSTRIAL				UTM EASTING:	
	R COMMENTS:						LOCATI	ON SETTING:	RURAL			ELEVATION-MSL	287
MONITOP	COMMENTS.											PROBE HEIGHT:	
		51) Pennsylvani	la Department	Of Environmenta	l Protection			T FOR: 2016			DURATION	: 24 HOUR	
	R TYPE: OTHER	ZETE METHOD. (	0.90) 117 1201 10	P/MS W/QUARTZ I	מידד מידים		REPOR	T FOR: 2016			UNITS: M	icrograms/cubic met	er (25 C)
PQAO:				ironmental Prot							MIN DETE	-	(,
I QHO .		insylvania Depa	iremente or bity	rionmenicur rioc	cccion						MIN DELE	CINDED.	
Day	MONTH JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
-		FEBRUARI		APRIL	PIAI	JUNE	0011	AUGUSI	SEPIEMBER	OCIOBER	NOVEMBER	DECEMBER	
1 2	.000 ND		.000 ND								000.175	000 375	
2										004 5	.000 ND	.000 ND	
								000 377	.002	.004 5			
4								.000 ND					
5		000 100		000 100	0.01	.000 ND	.001						
6 7	.002	.000 ND	000 100	.000 ND	.001								
8	.002		.000 ND								.001	.000 ND	
8									AF	.000 ND	.001	.000 ND	
10								.000 ND	Ar	.000 ND			
10						AG	.001	.000 ND					
12		.000 ND		.000 ND	.001	AG	.001						
13	.000 ND	.000 ND	.001	.000 ND	.001								
14	.000 MD		.001								.001	AV	
15			AF						AF	.002	1001		
16								.000 ND					
17						.002	.001	1000 112					
18		.001		.002	.001								
19	AJ		.001										
20											.000 ND	AV	
21									.000 ND	.000 ND			
22								.001					
23						.000 ND	.001						
24		.000 ND		.002	.001								
25	AJ		.000 ND										
26											.000 ND	.000 ND	
27									.002	.000 ND			
28								.004 5					
29						.000 ND	AF						
30				.001	.002								
31	AJ		.000 ND										

3 4 6 5 5 4 5 3 5 5 3 NO.: 4 MAX: .002 .001 .001 .002 .002 .002 .001 .004 .002 .004 .001 0.000 .0003 .0003 .0010 .0012 .0005 .0010 .0010 .0013 .0012 .0004 0.0000 MEAN: .0007 ANNUAL OBSERVATIONS: ANNUAL MAX: .004 52 ANNUAL MEAN: .0008

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY AIR QUALITY SYSTEM

							AIR QUALIT	DIDIDI					
							RAW DATA	REPORT					Jul. 16, 2019
	(12103) Arseni	c (TSP) STP										CAS NUMBER:	7440-38-2
SITE	ID: 42-007-072	7 POC: 2					STATE:	(42) Demo				LATITUDE:	40.6118996483
COUNT	Y: (007) Beave	r					AOCR:	(42) Pennsy	IVANIA WEST PENNSYLVAN:	TA		LONGITUDE: UTM ZONE:	-80.500451209
CITY:	(00000) Not in	n a city					-		0) NOT IN AN URB			UTM NORTHING	
SITE	ADDRESS: LITTI	LE BLUE RUN						SE: INDUSTRIA		SAN AREA		UTM EASTING:	
SITE	COMMENTS:							ON SETTING:	RURAL			ELEVATION-MS	
MONIT	OR COMMENTS:						LOCATIC	N BEITING.	Rotten			PROBE HEIGHT	
CUDDO	DT ACENCY (00	E1) Dopparduran	a Dopartmont	Of Environmenta	1 Drotostion								-
	OR TYPE: OTHER	-	ta Departiment	OI Environmenca	I PIOLECLION		REPORT	r for: 2017	1		DURATION	I: 24 HOUR	
			089) HT-VOL TO	CP/MS W/QUARTZ F	TLTER		REPORT	I FOR:			UNITS: N	Micrograms/cubic m	eter (25 C)
PQAO:				ironmental Prote							MIN DETE	CTABLE :	
~ -													
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1	AJ			.001	.000 ND								
2			AJ										
3											.001 SQ	.017 5	
4									.002	.001			
5								.001					
6		.000 ND				.000 ND	.000 ND						
7	.000 ND			.000 ND	.000 ND								
8 9			.000 ND								001 00		
9 10									.003	.001	.001 SQ	FI	
10								.001	.003	.001			
12		.001				.000 ND	.000 ND	.001					
13	.000 ND	.001		.002	.001	.000 ND	.000 ND						
14	1000 112		.000 ND	1002									
15											FI	FI	
16									.008 5	.000			
17								.001					
18		AJ				.000 ND	.001						
19	AJ			.001	.000 ND								
20			.001										
21											.001 SQ	.001 SQ	
22									AG	TS			
23								.001					
24		.000 ND				.000 ND	.000						
25	.000 ND			.001	.000 ND								
26			.001										
											0.0.0		

27											.001 SQ	FI
28									.001	.001 SQ		
29								FI				
30						.000 ND	.001					
31	AJ				.000 ND							
NO.:	3	3	4	5	6	5	5	4	4	4	4	2
MAX:	0.000	.001	.001	.002	.001	0.000	.001	.001	.008	.001	.001	.017
MEAN:	0.0000	.0003	.0005	.0010	.0002	0.0000	.0004	.0010	.0035	.0008	.0010	.0090
ANNUAL	OBSERVATIONS:	49	ANNUAL MEAN:	.0011	ANNUAL MAX:	.017						

J CAS NUMBER: LATITUDE: LONGITUDE: UTM ZONE: UTM NORTHING: UTM EASTING:	40.611 -80.50
LATITUDE: LONGITUDE: UTM ZONE: UTM NORTHING:	40.611 -80.50
LONGITUDE: UTM ZONE: UTM NORTHING:	-80.50
UTM ZONE: UTM NORTHING:	
UTM NORTHING:	IG:
	IG:
UTM EASTING:	
ELEVATION-MSL:	
PROBE HEIGHT:	IT:
HOUR	
grams/cubic mete	meter (25 C)
'E :	
CEMBER	
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## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY AIR QUALITY SYSTEM

							AIR QUALIIS	SISIEM					
							RAW DATA	REPORT					Jul. 16, 2019
(	12105) Bervll	ium (TSP) STP										CAS NUMBER:	7440-41-7
	_											LATITUDE:	40.6118996483
	D: 42-007-072						STATE:	(42) Pennsylv	vania			LONGITUDE:	-80.500451209
	: (007) Beave						AQCR:	-	ST PENNSYLVANI	A		UTM ZONE:	
	00000) Not ir	-						ED AREA: (0000)				UTM NORTHING:	
	DDRESS: LITTL	LE BLUE RUN						E: INDUSTRIAL				UTM EASTING:	
	omments:							N SETTING:	RURAL			ELEVATION-MSL:	287
MONITO:	R COMMENTS:											PROBE HEIGHT:	
SUPPOR'	T AGENCY: (08	51) Pennsylvani	a Department	Of Environmenta	l Protection						51553 57 63		
MONITO	R TYPE: OTHER						REPORT	r FOR: 2014				1: 24 HOUR	
COLLEC	TION AND ANAL	YSIS METHOD: (	089) HI-VOL IC	CP/MS W/QUARTZ F	FILTER						UNITS: N	Manograms/cubic meter	(25 C)
PQAO:	(0851) Per	nnsylvania Depa	rtment Of Env	ironmental Prote	ection						MIN DETE	CTABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1											.000 ND	.000 ND	
2									.000 ND	.000 ND			
3								.000 ND					
4		.000 ND				.000 ND	.000 ND						
5	.000 ND			.000 ND	.000 ND								
6			.000 ND										
7											.000 ND	.000 ND	
8									.000 ND	AF			
9								.000 ND					
10		.000 ND				.000 ND	AM						
11	.000 ND			.000 ND	.000 ND								
12 13			.000 ND										
13 14									.000 ND	.000 ND	AF	AF	
14								.000 ND	.000 ND	.000 ND			
15		.000 ND				AF	AF	.000 ND					
17	.000 ND	.000 ND		.000 ND	.000 ND	nr.	Ar						
18	.000 MD		.000 ND	.000 ND	.000 ND								
19											AG	.000 ND	
20									.000 ND	AF	-		
21								.000 ND					
22		.000 ND				.000 ND	AF						
23	.000 ND			.000 ND	AF								
24			.000 ND										
25											.000 ND	.000 ND	
26									.000 ND	.000 ND			
27								.000 ND					
28		.000 ND				.000 ND	.000 ND						
29	.000 ND			.000 ND	.000 ND								
30			.000 ND										
31												.000 ND	
NO.:	5	5	5	5	4	4	2	5	5	3	3	5	

ANNUAL OBSERVATIONS: 51 ANNUAL MEAN: 0.0000 ANNUAL MAX: 0.000

0.000

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MAX:

MEAN:

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Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

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Jul. 16, 2019

(12105) Beryllium (TSP) STP		CAS NUMBER: 7440-41-7
SITE ID: 42-007-0727 POC: 2		LATITUDE: 40.6118996483
COUNTY: (007) Beaver	STATE: (42) Pennsylvania	LONGITUDE: -80.500451209
	AQCR: (197) SOUTHWEST PENNSYLVANIA	UTM ZONE:
CITY: (00000) Not in a city	URBANIZED AREA: (0000) NOT IN AN URBAN AREA	UTM NORTHING:
SITE ADDRESS: LITTLE BLUE RUN	LAND USE: INDUSTRIAL	UTM EASTING:
SITE COMMENTS:	LOCATION SETTING: RURAL	ELEVATION-MSL: 287
MONITOR COMMENTS:		PROBE HEIGHT:
SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection		0.4. YOYD

MONITOR TYPE: OTHER COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER UNITS: Nanograms/cubic meter (25 C) PQAO: (0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.000 ND									
2											.000 ND	AF
3									AF	.000 ND		
4								.000 ND				
5		AF				.000 ND	.000 ND					
6	AG			.000 ND	.000 ND							
7			.000 ND									
8											.000 ND	.000 ND
9									.000 ND	.000 ND		
10								.000 ND				
11		.000 ND				.000 ND	.000 ND					
12	.000 ND			.000 ND	.000 ND							
13			.000 ND									
14											.000 ND	.000 ND
15									AF	.000 ND		
16								.000 ND				
17		.000 ND				.000 ND	.000 ND					
18	.000 ND			AG	.000 ND							
19			.000 ND									
20											.000 ND	.000 ND
21									.000 ND	.000 ND		
22		000 M				000 100	000 100	.000 ND				
23 24	AF	.000 ND		.000 ND	.000 ND	.000 ND	.000 ND					
24	AP		.000 ND	.000 ND	.000 ND							
25			.000 ND								.000 ND	.000 ND
27									.000 ND	.000 ND	.000 MD	.000 MD
28								.000 ND	1000 112	1000 112		
29						.000 ND	.000 ND					
30	AF			.000 ND	.000 ND							
31			.000 ND									
	_	_			_	_	_	_	_	_	_	
NO.:	2	3	6	4	5	5	5	5	3	5	5	4
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAI	DOBSERVATIONS:	52	ANNUAL MEAN:	0.0000	ANNUAL MAX:	0.000						

							AIR QUALITY					_	
							RAW DATA R	EPORT				c.	Jul. 16, 2019
(1	2105) Berylli	um (TSP) STP										CAS NUMBER:	7440-41-7
												LATITUDE:	40.6118996483
	: 42-007-0727	POC: 2					STATE:	(42) Pennsylv	ania			LONGITUDE:	-80.500451209
COUNTY:	(007) Beaver						AQCR :	-	ST PENNSYLVANI	λ		UTM ZONE:	001000101200
CITY: (0	00000) Not in	a city						ED AREA: (0000)				UTM NORTHING:	
SITE AD	DRESS: LITTLE	BLUE RUN							NOT IN AN URB.	AN AREA			
SITE CO	MMENTS:							E: INDUSTRIAL				UTM EASTING:	
MONITOR	COMMENTS:						LOCATION	N SETTING:	RURAL			ELEVATION-MSL:	287
												PROBE HEIGHT:	
SUPPORT	AGENCY: (085	1) Pennsylvani	a Department O	f Environmenta	l Protection								
MONITOR	TYPE: OTHER						REPORT	FOR: 2016			DURATION	: 24 HOUR	
COLLECT	ION AND ANALY	SIS METHOD: (0	89) HI-VOL ICE	/MS W/QUARTZ F	ILTER						UNITS: N	anograms/cubic meter	(25 C)
PQAO:	(0851) Penn	nsylvania Depar	rtment Of Envi:	ronmental Prote	ection						MIN DETE	CTABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1	.000 ND		.000 ND										
2	1000 112		1000 112								.000 ND	.000 ND	
3									.000 ND	.000 ND	.000 MD	.000 MD	
								.000 ND	.000 MD	.000 ND			
4						000 MD	000 100	.000 ND					
-						.000 ND	.000 ND						
6		.000 ND		.000 ND	.000 ND								
7	.000 ND		.000 ND										
8											.000 ND	.000 ND	
9									AF	.000 ND			
10								.000 ND					
11						AG	.000 ND						
12		.000 ND		.000 ND	.000 ND								
13	.000 ND		.000 ND										
14											.000 ND	AV	
15			AF						AF	.000 ND			
16								.000 ND					
17						.000 ND	.000 ND						
18		.000 ND		.000 ND	.000 ND								
19	AJ		.000 ND										
20	110		1000 112								.000 ND	AV	
20									.000 ND	.000 ND	.000 ND	riv.	
21								.000 ND	.000 MD	.000 ND			
						000 MD	000 100	.000 ND					
23				000	000	.000 ND	.000 ND						
24		.000 ND		.000 ND	.000 ND								
25	AJ		.000 ND										
26											.000 ND	.000 ND	
27									.000 ND	.000 ND			
28								.000 ND					
29						.000 ND	AF						
30				.000 ND	.000 ND								
31	AJ		.000 ND										
10	2		-	-	-		A	-	2	-	-	2	
NO.:	3	4	6	5	5	4	4	5	3	5	5	3	
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
ANNUAI	G OBSERVATIONS	52 52	ANNUAL MEAN:	0.0000	ANNUAL MAX:	0.000							

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY AIR QUALITY SYSTEM

							AIR QUALITY	SYSTEM					
							RAW DATA F	REPORT					Jul. 16, 2019
(1	12105) Berylli	um (TSP) STP										CAS NUMBER:	7440-41-7
SITE II	0: 42-007-0727	POC: 2						-				LATITUDE:	40.6118996483
COUNTY	: (007) Beaver						STATE:	(42) Pennsylv				LONGITUDE:	-80.500451209
CITY: (	00000) Not in	a city					AQCR:		ST PENNSYLVANI			UTM ZONE:	
SITE AI	DDRESS: LITTLE	BLUE RUN						ED AREA: (0000)	NOT IN AN URB	AN AREA		UTM NORTHING:	
SITE CO	OMMENTS:							E: INDUSTRIAL				UTM EASTING:	
MONITOR	R COMMENTS:						LOCATIO	N SETTING:	RURAL			ELEVATION-MSL	: 287
												PROBE HEIGHT:	
		1) Pennsylvani	a Department O	f Environmenta	l Protection						DURATION	: 24 HOUR	
	R TYPE: OTHER						REPORT	FOR: 2017				anograms/cubic mete	(25 G)
				P/MS W/QUARTZ F								-	er (25 C)
PQAO:	(0851) Peni	nsylvania Depa	rtment Of Envi:	ronmental Prote	ection						MIN DETE	CTABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1	AJ			.000 ND	.000 ND								
2	no		AJ	.000 ND	.000 ND								
3			110								.000 ND	.000 ND	
4									.000 ND	.000 ND			
5								.000 ND					
б		.000 ND				.000 ND	.000 ND						
7	.000 ND			.000 ND	.000 ND								
8			.000 ND										
9											.000 ND	FI	
10									.000 ND	.000 ND			
11								.000 ND					
12		.000 ND				.000 ND	.000 ND						
13	.000 ND			.000 ND	.000 ND								
14			.000 ND										
15 16									.000 ND	.000 ND	FI	FI	
17								.000 ND	.000 ND	.000 ND			
18		AJ				.000 ND	.000 ND	.000 MD					
19	AJ			.000 ND	.000 ND								
20			.000 ND										
21											.000 ND	.000 ND	
22									AG	TS			
23								.000 ND					
24		.000 ND				.000 ND	.000 ND						
25	.000 ND			.000 ND	.000 ND								
26			.000 ND										
27											.000 ND	FI	
28									.000 ND	.000 ND			
29 30						.000 ND	.000 ND	FI					
31	AJ				.000 ND	.000 ND	.000 ND						
NO.:	3	3	4	5	6	5	5	4	4	4	4	2	
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
ANNUA	L OBSERVATIONS	3: 49	ANNUAL MEAN:	0.0000	ANNUAL MAX:	0.000							

							AIR QUALIT						
							RAW DATA	REPORT					Jul. 16, 2019
(12	2105) Berylli	um (TSP) STP										CAS NUMBER:	7440-41-7
												LATITUDE:	40.61189964
	42-007-0727	POC: 2					STATE:	(42) Pennsyl	vania			LONGITUDE:	-80.5004512
	(007) Beaver						AQCR:		EST PENNSYLVAN	IA		UTM ZONE:	
	0000) Not in								) NOT IN AN UR			UTM NORTHING:	
	DRESS: LITTLE	BLUE RUN						SE: INDUSTRIA				UTM EASTING:	
	MENTS:							ON SETTING:	RURAL			ELEVATION-MSL:	287
ONITOR	COMMENTS:											PROBE HEIGHT:	
UPPORT	AGENCY: (085	1) Pennsylvani	a Department Of	Environmenta	l Protection						סדיייגפוזס	N: 24 HOUR	
ONITOR	TYPE: OTHER						REPOR	T FOR: 2018					
			089) HI-VOL ICP,									Nanograms/cubic meter	c (25 C)
QAO:	(0851) Penr	nsylvania Depa	rtment Of Envir	onmental Prote	ection						MIN DET	ECTABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1		.000 ND				.000 ND							
2	.000 ND			.000 ND	.000 ND								
3			FI										
4													
5													
6													
7		.000 ND				.000 ND							
8	.000 ND			.000 ND	.000 ND								
9			.000 ND										
10													
11													
12													
13		.000 ND				FΊ							
14	FI			.000 ND	.000 ND								
15 16			FI										
17													
18													
19		.000 ND				.000 ND							
20	.000 ND			FI	.000 ND								
20			.000 ND										
22													
23													
24													
25		.000 ND				.000 ND							
26	.000 ND			.000 ND	.000 ND								
27			.000 ND										
28													
29													
30													
31													
10.:	4	5	3	4	5	4	0	0	0	0	0	0	
MAX:	0.000	0.000	0.000	0.000	0.000	0.000							
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000							

							AIR QUALIIY						
							RAW DATA H	REPORT					Jul. 16, 2019
(1	L2110) Cadmium	(דפס) פדס										CAS NUMBER:	7440-43-9
()	(ZIIO) Caumium	(15F) 51F										LATITUDE:	40.6118996483
SITE II	0: 42-007-0727	POC: 2					STATE:	(40)					
COUNTY:	(007) Beaver							(42) Pennsylv				LONGITUDE:	-80.500451209
CITY: (	00000) Not in	a city					AQCR:		ST PENNSYLVANI			UTM ZONE:	
	DRESS: LITTLE						URBANIZ	ED AREA: (0000)	NOT IN AN URB	AN AREA		UTM NORTHING:	
	OMMENTS:	BEDE RON					LAND US	E: INDUSTRIAL				UTM EASTING:	
							LOCATIO	N SETTING:	RURAL			ELEVATION-MSL	: 287
MONITOF	R COMMENTS:											PROBE HEIGHT:	
	DAGENOV: (085	1) Dennevlvani	a Department (	)f Environmenta	1 Protection								
	R TYPE: OTHER	i) i cimbyi vani	u Deparemente e	i biiviroimenea.	I IIOCCCCION		REPORT	FOR: 2014			DURATION	: 24 HOUR	
		CTC METHOD: //	000) UT VOT TO	P/MS W/QUARTZ F	משתידי		REPORT	FOR. 2011			UNITS: M	icrograms/cubic met	er (25 C)
											MIN DETE		
PQAO:	(0851) Penr	isyivania Depa	rtment Of Envi	ronmental Prote	ection						MIN DETE	CTABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1											.000 ND	.000 ND	
2									.000	.000 ND			
3								.000 ND					
4		.016 5				.000	.000 ND						
5	.000 ND			.000 ND	.000 ND								
6			.002										
7											.002	.000 ND	
8									.000 ND	AF			
9								.002					
10		.000 ND				.000	AM						
11	.000 ND			.000 ND	.000								
12			.001										
13			1001								AF	AF	
14									.000	.000 ND	Ar	Ar	
14								.000 ND	.000	.000 ND			
		000						.000 ND					
16		.000				AF	AF						
17	.000 ND			.000 ND	.000 ND								
18			.000 ND										
19											AG	.000 ND	
20									.000 ND	AF			
21								.000 ND					
22		.000 ND				.000 ND	AF						
23	.000 ND			.000 ND	AF								
24			.000 ND										
25											.000 ND	.000 ND	
26									.000	.000 ND			
27								.000					
28		.000				.000 ND	.000 ND						
29	.000 ND			.000 ND	.000 ND								
30			.000 ND										
31			.000 ND									.000 ND	
71												.000 10	
NO.:	5	5	5	5	4	4	2	5	5	3	3	5	
MAX:	0.000	.016	.002	0.000	0.000	0.000	0.000	.002	0.000	0.000	.002	0.000	
MEAN:	0.0000	.0032	.0006	0.0000	0.0000	0.0000	0.0000	.0004	0.0000	0.0000	.0007	0.0000	
						0.1.5							

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (\*\*\*) indicates that the region

.0005

ANNUAL MAX:

.016

has reviewed the value and does not concur with the qualifier.

ANNUAL MEAN:

51

ANNUAL OBSERVATIONS:

Jul. 16, 2019

(12110) Cadmium (TSP) STP		CAS NUMBER: 7440-43-9
SITE ID: 42-007-0727 POC: 2 COUNTY: (007) Beaver CITY: (0000) Not in a city SITE ADDRESS: LITTLE BLUE RUN SITE COMMENTS: MONITOR COMMENTS:	STATE: (42) Pennsylvania AQCR: (197) SOUTHWEST PENNSYLVANIA URBANIZED AREA: (0000) NOT IN AN URBAN AREA LAND USE: INDUSTRIAL LOCATION SETTING: RURAL	LATITUDE: 40.6118996483 LONGITUDE: -80.500451209 UTM ZONE: UTM NORTHING: UTM EASTING: ELEVATION-MSL: 287 PROBE HEIGHT:
SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection	2015	DURATION: 24 HOUR

MONITOR TYPE: OTHER REPORT FOR: 2015 DURATION: 24 HOUR
COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER
PQA0: (0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.000 ND									
2											.000 ND	AF
3									AF	.000 ND		
4								.000 ND				
5		AF				.000 ND	.000					
6	AG			.000 ND	.000 ND							
7			.000 ND									
8											.027 5	.001
9								000 100	.000 ND	.000 ND		
10 11		.000				.000 ND	.000	.000 ND				
12	.000 ND	.000		.001	.000 ND	.000 ND	.000					
13	.000 ND		.000 ND	.001	.000 ND							
14											.000 ND	.000 ND
15									AF	.000 ND		
16								.000				
17		.000				.001	.000 ND					
18	.000 ND			AG	.000 ND							
19			.001									
20											.000 ND	.000 ND
21									.000 ND	.000		
22								.001				
23		.000 ND				.000 ND	.000 ND					
24 25	AF		.000 ND	.000 ND	.000							
25 26			.000 ND								.000 ND	.000
27									.000 ND	.000 ND	.000 ND	.000
28								.000				
29						.000 ND	.000 ND					
30	AF			.000 ND	.000 ND							
31			.000 ND									
NO.:	2	3	6	4	5	5	5	5	3	5	5	4
MAX:	0.000	0.000	.001	.001	0.000	.001	0.000	.001	0.000	0.000	.027	.001
MEAN:	0.0000	0.0000	.0002	.0003	0.0000	.0002	0.0000	.0002	0.0000	0.0000	.0054	.0003
ANNUAI	GBSERVATIONS:	52	ANNUAL MEAN:	.0006	ANNUAL MAX:	.027						

							AIR QUALITY	SYSTEM					
							RAW DATA H	REPORT					Jul. 16, 2019
( :	12110) Cadmiu	m (TSP) STP										CAS NUMBER:	7440-43-9
SITE I	D: 42-007-072	7 POC: 2					STATE:	(42) Pennsylv	ani a			LATITUDE: LONGITUDE:	40.6118996483 -80.500451209
COUNTY	: (007) Beaver	r					AQCR:		ST PENNSYLVANI			UTM ZONE:	-80.500451209
	00000) Not in							ED AREA: (0000)				UTM NORTHING:	
	DDRESS: LITTL	E BLUE RUN						E: INDUSTRIAL				UTM EASTING:	
	OMMENTS:							N SETTING:	RURAL			ELEVATION-MSL	287
MONTIO	R COMMENTS:											PROBE HEIGHT:	
	T AGENCY: (08 R TYPE: OTHER	51) Pennsylvani	a Department (	Of Environmenta	l Protection			- FOR · 2016			DURATION	: 24 HOUR	
		VSIS METHOD: ((	189) HT-VOL TO	P/MS W/QUARTZ F	קידי. דד		REPORT	FOR: 2010			UNITS: M	icrograms/cubic met	er (25 C)
PQAO:				ronmental Prote							MIN DETE		
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1	.000 ND		.001										
2											.000 ND	.000 ND	
3								000 100	.001	.002 5			
4						.000 ND	.000 ND	.000 ND					
6		.000 ND		.000 ND	.000 ND	.000 ND	.000 ND						
7	.000		.000 ND	1000 112	1000 112								
8											.000 ND	.000 ND	
9									AF	.000 ND			
10								.000 ND					
11						AG	.000						
12		.000 ND		.000 ND	.000 ND								
13 14	.000 ND		.000								000 100		
14			AF						AF	.000 ND	.000 ND	AV	
16			Ar					.000 ND	Ar	.000 ND			
17						.000 ND	.000 ND						
18		.001		.000	.000								
19	AJ		.000										
20											.000 ND	AV	
21									.000 ND	.000 ND			
22						000.175	000.175	.000 ND					
23 24		.000 ND		.000 ND	.001	.000 ND	.000 ND						
24	AJ	.000 ND	.000 ND	.000 MD	.001								
26											.000 ND	.000 ND	
27									.000 ND	.000 ND			
28								.000 ND					
29						.000 ND	AF						
30				.000 ND	.000 ND								
31	AJ		.000 ND										
NO.:	3	4	6	5	5	4	4	5	3	5	5	3	
MAX:	0.000	.001	.001	0.000	.001	0.000	0.000	0.000	.001	.002	0.000	0.000	
MEAN:	0.0000	.0003	.0002	0.0000	.0002	0.0000	0.0000	0.0000	.0003	.0004	0.0000	0.0000	

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

.0001

ANNUAL MEAN:

ANNUAL OBSERVATIONS:

52

.002

ANNUAL MAX:

Jul. 16, 2019

							RAW DATA F	(EPORT					Jul. 16, 2019
(1	.2110) Cadmiu	m (TSP) STP										CAS NUMBER:	7440-43-9
												LATITUDE:	40.6118996483
	2: 42-007-072						STATE:	(42) Pennsylv	vania			LONGITUDE:	-80.500451209
	(007) Beaver 00000) Not in						AQCR:	(197) SOUTHWE	EST PENNSYLVANI	A		UTM ZONE:	
	DRESS: LITTL	-					URBANIZ	ED AREA: (0000)	NOT IN AN URB	AN AREA		UTM NORTHING:	
	MMENTS:	E BLUE KUN					LAND US	E: INDUSTRIAL				UTM EASTING:	
	COMMENTS:						LOCATIO	N SETTING:	RURAL			ELEVATION-MSL	287
HONTION	COMPENSION											PROBE HEIGHT:	
SUPPORT	AGENCY: (08	51) Pennsylvani	a Department C	)f Environmenta	l Protection						DURATION	• 24 HOUR	
	TYPE: OTHER						REPORT	FOR: 2017					
		YSIS METHOD: ((										icrograms/cubic met	er (25 C)
PQAO:	(0851) Per	nnsylvania Depa	rtment Of Envi	ronmental Prote	ection						MIN DETE	CTABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1	AJ			.000 ND	.000 ND								
2			AJ										
3											.000 ND	.001 SQ	
4									.000 ND	.000 ND			
5								.000 ND					
6		.000 ND				.000 ND	.000 ND						
7	.000 ND			.000 ND	.000 ND								
8			.000 ND										
9 10									.000 ND	000 m	.000 SQ	FI	
10								.000 ND	.000 ND	.000 ND			
12		.000 ND				.000 ND	.000 ND	.000 ND					
13	.000 ND	.000 ND		.000 ND	.000 ND	.000 ND	1000 ND						
14			.000 ND										
15											FI	FI	
16									.000	.000 ND			
17								.000 ND					
18		AJ				.000 ND	.003 5						
19	AJ			.000 ND	.000 ND								
20			.000										
21											.000 ND	.001 SQ	
22								000 MD	AG	TS			
23 24		.000 ND				.000 ND	.000 ND	.000 ND					
24	.000 ND	.000 ND		.000 ND	.000 ND	.000 ND	.000 ND						
25	.000 MD		.000 ND	.000 MD	.000 ND								
27			1000 112								.000 ND	FI	
28									.000 ND	.000 SQ		-	
29								FI		- 2			
30						.000 ND	.000 ND						
31	AJ				.000 ND								
NO.:	3	3	4	5	6	5	5	4	4	4	4	2	
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	.003	0.000	0.000	0.000	0.000	.001	
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.0006	0.0000	0.0000	0.0000	0.0000	.0010	

ANNUAL OBSERVATIONS: 49 ANNUAL MEAN: .0001 ANNUAL MAX: .003

								TY SYSTEM					
							RAW DATA	REPORT					Jul. 16, 2019
(12	2110) Cadmium	(TSP) STP										CAS NUMBER:	7440-43-9
	: 42-007-0727	POC: 2										LATITUDE:	40.61189964
	(007) Beaver	POC: 2					STATE	(42) Pennsy	lvania			LONGITUDE:	-80.5004512
	0000) Not in	a city					AQCR:	(197) SOUTH	WEST PENNSYLVAN	IA		UTM ZONE:	
	DRESS: LITTLE						URBAN:	IZED AREA: (000	0) NOT IN AN URP	BAN AREA		UTM NORTHING:	
SITE COM		DECE NON						JSE: INDUSTRIA				UTM EASTING:	
	COMMENTS:						LOCAT:	ION SETTING:	RURAL			ELEVATION-MSL	: 287
												PROBE HEIGHT:	
SUPPORT	AGENCY: (0851	l) Pennsylvani	a Department Of	Environmenta	l Protection						ס דייי ג פו זכו	N: 24 HOUR	
	TYPE: OTHER						REPO	RT FOR: 2018	3				
			089) HI-VOL ICP,									Micrograms/cubic met	er (25 C)
PQAO:	(0851) Penr	sylvania Depa	rtment Of Envir	onmental Prote	ection						MIN DET	ECTABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1		.000 ND				.000 ND							
2	.000 ND			.000 ND	.000 ND								
3			FI										
4													
5													
6													
7		.000 ND				.000 ND							
8	.000 ND			.000 ND	.000 ND								
9			.000 ND										
10													
11 12													
13		.000 ND				FI							
14	FI	.000 ND		.000 ND	.000 ND	11							
15			FI										
16													
17													
18													
19		.000 ND				.000 ND							
20	.000 ND			FI	.000 ND								
21			.000 ND										
22													
23													
24 25		.000 ND				.000 ND							
25 26	.001 SQ	.000 UD		.000 ND	.000 ND	.000 10							
20			.000 ND										
28													
29													
30													
31													
NO.:	4	5	3	4	5	4	0	0	0	0	0	0	
MAX:	.001	0.000	0.000	0.000	0.000	4 0.000	0	0	0	0	0	U	
MEAN:	.0003	0.0000	0.0000	0.0000	0.0000	0.0000							
1.115 PAIN +		5.0000	0.0000	2.0000	0.0000	5.0000							

							AIR QUALITY						
							RAW DATA 1	REPORT				ċ	Jul. 16, 2019
(12	2112) Chromiu	m (TSP) STP										CAS NUMBER:	7440-47-3
												LATITUDE:	40.611899648
	42-007-0727	POC: 2					STATE:	(42) Pennsylv	vania			LONGITUDE:	-80.50045120
	(007) Beaver						AOCR :		ST PENNSYLVANI	А		UTM ZONE:	
	0000) Not in	-					-	ED AREA: (0000)				UTM NORTHING:	
SITE ADE	DRESS: LITTLE	BLUE RUN						E: INDUSTRIAL				UTM EASTING:	
SITE COM	MENTS:							N SETTING:	RURAL			ELEVATION-MSL:	297
MONITOR	COMMENTS:						LOCATIC	N SETTING.	RORAD			PROBE HEIGHT:	207
												FROBE HEIGHT.	
		1) Pennsylvani	a Department O	f Environmenta	1 Protection			0.01.4			DURATION	: 24 HOUR	
	TYPE: OTHER						REPORT	FOR: 2014			IINTTO M	icrograms/cubic mete	m (25 C)
				P/MS W/QUARTZ F								-	1 (25 C)
PQAO:	(0851) Penr	nsylvania Depa	rtment Of Envi:	ronmental Prot	ection						MIN DETE	CTABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1											.000 ND	.000 ND	
2									.000 ND	.006	.000 DD	.000 ND	
2 3								.000 ND	.000 ND	.006			
3 4		.009				.005	.006	.000 DM					
4 5	.000 ND	.009		.000 ND	.000 ND	.005	.000						
6	.000 ND		.000 ND	.000 ND	.000 MD								
7			.000 ND								.000 ND	.000 ND	
8									.000 ND	AF	.000 ND	.000 MD	
9								.000 ND	.000 ND	nr.			
10		.000 ND				.000 ND	AM	.000 112					
11	.000 ND	.000 MD		.000 ND	.000 ND	.000 MD	1.11.1						
12	.000 110		.000 ND	.000 ND	.000 MD								
13											AF	AF	
14									.000 ND	.000 ND		***	
15								.000 ND					
16		.000 ND				AF	AF	1000 10					
17	.000 ND			.000 ND	.000 ND								
18			.000 ND										
19											AG	.000 ND	
20									.000 ND	AF	-		
21								.000 ND					
22		.000 ND				.000 ND	AF						
23	.000 ND			.000 ND	AF								
24			.000 ND										
25											.000 ND	.000 ND	
26									.013	.000 ND			
27								.000 ND					
28		.000 ND				.000 ND	.000 ND						
29	.000 ND			.000 ND	.000 ND								
30			.000 ND										
31												.000 ND	
	_	_	_	_			-	_	_	_	_		
NO.:	5	5	5	5	4	4	2	5	5	3	3	5	
MAX:	0.000	.009	0.000	0.000	0.000	.005	.006	0.000	.013	.006	0.000	0.000	
MEAN:	0.0000	.0018	0.0000	0.0000	0.0000	.0013	.0030	0.0000	.0026	.0020	0.0000	0.0000	
	OBSERVATIONS	51	ANNUAL MEAN:	.0008	ANNUAL MAX:	.013							

Jul. 16, 2019

(12112) Chromium (TSP) STP		CAS NUMBER: 7440-47-3
SITE ID: 42-007-0727 POC: 2		LATITUDE: 40.6118996483
COUNTY: (007) Beaver	STATE: (42) Pennsylvania	LONGITUDE: -80.500451209
	AQCR: (197) SOUTHWEST PENNSYLVANIA	UTM ZONE:
CITY: (00000) Not in a city	URBANIZED AREA: (0000) NOT IN AN URBAN AREA	UTM NORTHING:
SITE ADDRESS: LITTLE BLUE RUN	LAND USE: INDUSTRIAL	UTM EASTING:
SITE COMMENTS:	LOCATION SETTING: RURAL	ELEVATION-MSL: 287
MONITOR COMMENTS:		PROBE HEIGHT:
SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection		

MONITOR TYPE: OTHER COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER PQA0: (0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.000 ND									
2											.000 ND	AF
3									AF	.000 ND		
4								.000 ND				
5		AF				.009	.013					
6	AG			.000 ND	.000 ND							
7			.000 ND									
8											.000 ND	.000 ND
9									.000 ND	.000 ND		
10								.006				
11		.000 ND				.006	.006					
12	.000 ND			.000 ND	.000 ND							
13			.000 ND									
14											.000 ND	.000 ND
15									AF	.000 ND		
16		000 100				000 100	000 100	.000 ND				
17 18	.000 ND	.000 ND		AG	.000 ND	.000 ND	.000 ND					
18	.000 ND		.000 ND	AG	.000 ND							
20			.000 ND								.000 ND	.000 ND
20									.000 ND	.000 ND	.000 ND	.000 ND
22								.006	.000 ND	.000 MD		
23		.000 ND				.000 ND	.000 ND					
24	AF			.005	.007							
25			.000 ND									
26											.000 ND	.000 ND
27									.000 ND	.000 ND		
28								.007				
29						.000 ND	.000 ND					
30	AF			.000 ND	.000 ND							
31			.000 ND									
NO.:	2	3	6	4	5	5	5	5	3	5	5	4
MAX:	0.000	0.000	0.000	.005	.007	.009	.013	.007	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	.0013	.0014	.0030	.0038	.0038	0.0000	0.0000	0.0000	0.0000
ANNUAI	OBSERVATIONS:	52	ANNUAL MEAN:	.0013	ANNUAL MAX:	.013						

							AIR QUALITY						
							RAW DATA F	REPORT					Jul. 16, 2019
(1	L2112) Chromiu	IM (TSP) STP										CAS NUMBER:	7440-47-3
(1	ziiz, chiomic	an (101) 011										LATITUDE:	40.6118996483
SITE II	0: 42-007-0727	POC: 2											
COUNTY:	(007) Beaver						STATE:	(42) Pennsylv				LONGITUDE:	-80.500451209
	00000) Not in						AQCR :	(197) SOUTHWE	ST PENNSYLVANI	A		UTM ZONE:	
	DRESS: LITTLE	-					URBANIZ	ED AREA: (0000)	NOT IN AN URB	AN AREA		UTM NORTHING:	
		S BLUE RUN					LAND US	E: INDUSTRIAL				UTM EASTING:	
	OMMENTS:						LOCATIO	N SETTING:	RURAL			ELEVATION-MSL	287
MONITOR	R COMMENTS:											PROBE HEIGHT:	
		1) Pennsylvanı	a Department O	f Environmenta.	1 Protection						DURATION	: 24 HOUR	
	R TYPE: OTHER						REPORT	FOR: 2016					(05
			089) HI-VOL ICE									licrograms/cubic met	er (25 C)
PQAO:	(0851) Pen	nsylvania Depa	rtment Of Envi	ronmental Prote	ection						MIN DETE	CTABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1	.000 ND		.000 ND										
2											.000 ND	.000 ND	
3									.000 ND	.000 ND			
4								.000 ND	1000 112	1000 112			
5						000 ND	.000 ND	.000 ND					
						.000 ND	.000 ND						
6		.000 ND		.000 ND	.000 ND								
7	.000 ND		.000 ND										
8											.000 ND	.000 ND	
9									AF	.000 ND			
10								.000 ND					
11						AG	.000 ND						
12		.000 ND		.000 ND	.000 ND								
13	.000 ND		.000 ND										
14											.000 ND	AV	
15			AF						AF	.000 ND	1000 112		
16			Ar					.000 ND	nr.	.000 ND			
						000 100	000 375	.000 ND					
17						.000 ND	.000 ND						
18		.000 ND		.000 ND	.000 ND								
19	AJ		.010										
20											.000 ND	AV	
21									.000 ND	.000 ND			
22								.000 ND					
23						.000 ND	.000 ND						
24		.000 ND		.000 ND	.000 ND								
25	AJ		.000 ND										
26											.000 ND	.000 ND	
20									.000 ND	.000 ND			
27								.000 ND	.000 MD	.000 MD			
						0.07	17	.000 DM					
29						.007	AF						
30				.000 ND	.006								
31	AJ		.000 ND										
NO.:	3	4	6	5	5	4	4	5	3	5	5	3	
MAX:	0.000	0.000	.010	0.000	.006	.007	4 0.000	0.000	0.000	0.000	0.000	0.000	
MEAN:	0.0000	0.0000	.0017	0.0000	.0012	.0018	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
ANNUA	L OBSERVATION	s: 52	ANNUAL MEAN:	.0004	ANNUAL MAX:	.010							
		-											

							AIR QUALITY						- 1 16 0010
							RAW DATA	REPORT					Jul. 16, 2019
( 1	12112) Chromiu	um (TSP) STP										CAS NUMBER:	7440-47-3
९ागम गा	D: 42-007-0727	POC: 2										LATITUDE:	40.6118996483
	: (007) Beaver						STATE:	(42) Pennsylv	vania			LONGITUDE:	-80.500451209
	00000) Not in						AQCR:	(197) SOUTHWE	EST PENNSYLVANI	A		UTM ZONE:	
	DDRESS: LITTLE						URBANIZ	ZED AREA: (0000)	NOT IN AN URE	BAN AREA		UTM NORTHING:	
	OMMENTS:	5 BLOL KON					LAND US	SE: INDUSTRIAL				UTM EASTING:	
	R COMMENTS:						LOCATIO	ON SETTING:	RURAL			ELEVATION-MSL	287
110141101	C COMMENTO.											PROBE HEIGHT:	
SUPPOR	T AGENCY: (085	1) Pennsylvani	a Department O	f Environmenta	l Protection								
MONITOR	R TYPE: OTHER						REPORT	r FOR: 2017			DURATION	1: 24 HOUR	
COLLEC	TION AND ANALY	SIS METHOD: (0	89) HI-VOL ICE	P/MS W/QUARTZ F	FILTER						UNITS: N	Micrograms/cubic met	er (25 C)
PQAO:	(0851) Pen	nsylvania Depa	rtment Of Envi	ronmental Prot	ection						MIN DETH	ECTABLE:	
	MONTH												
-									000000000	0000000	NOTEMBER	DEGEWEEE	
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1	AJ			.000 ND	.003								
2			AJ										
3											.030	.027	
4									.028	.026			
5								.028					
6		.000 ND				.025	.025						
7	.000 ND			.000 ND	.003								
8			.000 ND										
9											.029	FI	
10									.031	.027			
11								.024					
12		.000 ND				.026	.023						
13	.000 ND			.000 ND	.003								
14			.000 ND										
15									0.25	0.07	FI	FI	
16 17								.031	.035	.027			
17		AJ				.025	.027	.031					
18	AJ	AU		.000 ND	.004	.025	.027						
20	AU		.000 ND	.000 MD	.004								
20			.000 ND								.031	.028	
22									AG	TS	.051	.020	
23								.028	110	10			
24		.000 ND				.026	.028						
25	.000 ND			.000 ND	.003								
26			.000 ND										
27											.030	FI	
28									.029	.029			
29								FI					
30						.026	.028						
31	AJ				.024								
	2	2	,	-	ć	-	-					0	
NO.:	3	3	4	5	6	5	5	4	4	4	4	2	
MAX:	0.000	0.000	0.000	0.000	.024	.026	.028	.031 .0278	.035	.029	.031 .0300	.028 .0275	
MEAN:	0.0000	0.0000	0.0000	0.0000	.0067		.0202	.0278	.0308	.0273	.0300	.02/5	
ANNUA	L OBSERVATION	S: 49	ANNUAL MEAN:	.0167	ANNUAL MAX:	.035							

							AIR QUALL						
							RAW DATA	REPORT					Jul. 16, 2019
(1	.2112) Chromiu	m (TSP) STP										CAS NUMBER:	7440-47-3
		505.0										LATITUDE:	40.611899648
	(007) December (007)	POC: 2					STATE:	(42) Pennsy	lvania			LONGITUDE:	-80.50045120
	(007) Beaver						AQCR:	(197) SOUTH	WEST PENNSYLVAN	IA		UTM ZONE:	
	00000) Not in DRESS: LITTLE						URBAN	IZED AREA: (000	0) NOT IN AN URE	BAN AREA		UTM NORTHING:	
	MMENTS:	BLUE RUN					LAND U	JSE: INDUSTRIA	L			UTM EASTING:	
	COMMENTS:						LOCAT	ION SETTING:	RURAL			ELEVATION-MSL:	287
MONTION	COMMENTS:											PROBE HEIGHT:	
SUPPORT	AGENCY: (085	1) Pennsylvani	ia Department O	f Environment	al Protection								
MONITOR	TYPE: OTHER						REPO	RT FOR: 2018	3		DURATIO	N: 24 HOUR	
COLLECT	ION AND ANALY	SIS METHOD: (	089) HI-VOL ICP	/MS W/QUARTZ	FILTER						UNITS:	Micrograms/cubic met	er (25 C)
PQAO:	(0851) Pen	nsylvania Depa	rtment Of Envi	conmental Prot	tection						MIN DET	ECTABLE:	
	MONTH												
Dave	JANUARY	FEBRUARY	MADOU	APRIL	MAY	JUNE	TITLY	AUGUOR	CEDTEMDED	OCTORED	NOVEMBED	DECEMBER	
Day	JANUARI		MARCH	APRIL	MAY		JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1		.002				.002							
2	.003			.003	.003								
3			FI										
4													
5													
6													
7		.002		000	0.00	.003							
8 9	.002		.002	.003	.003								
9 10			.002										
11													
12													
13		.002				FI							
14	FI			.006	.002								
15			FI										
16													
17													
18													
19		.000 ND				.003							
20	.000 ND			FI	.003								
21			.003										
22													
23													
24													
25		.002				.003							
26	.000 ND			.002	.003								
27			.003										
28 29													
30													
31													
21													
NO.:	4	5	3	4	5	4	0	0	0	0	0	0	
MAX:	.003	.002	.003	.006	.003	.003							
MEAN:	.0013	.0016	.0027	.0035	.0028	.0028							

							AIR QUALITY						
							RAW DATA R	REPORT				,	Tul. 16, 2019
(3	12128) Lead (T	SP) STP										CAS NUMBER:	7439-92-1
												LATITUDE:	40.6118996483
SITE I	D: 42-007-0727	POC: 2					STATE:	(42) Pennsylv	ania			LONGITUDE:	-80.500451209
COUNTY	: (007) Beaver												-00.500451205
CITY: (	00000) Not in	a city					AQCR:		ST PENNSYLVANI			UTM ZONE:	
STTE A	DDRESS: LITTLE	BLUE RUN						ED AREA: (0000)	NOT IN AN URB	BAN AREA		UTM NORTHING:	
	OMMENTS:						LAND USI	E: INDUSTRIAL				UTM EASTING:	
	R COMMENTS:						LOCATIO	N SETTING:	RURAL			ELEVATION-MSL:	287
MONTIO	K COMMENTS:											PROBE HEIGHT:	
SUDDUB	T AGENCY: (085	l) Dennevlvani	a Department Of	Fnuironmenta	1 Protection								
	R TYPE: OTHER	r) remisyrvani	a peparement of	_ HIVIIOIMCIICU	1 110000001011		DEDODE	FOR: 2014			DURATION	: 24 HOUR	
		ata MERIOD. ((	)89) HI-VOL ICP				REPORT	FOR: 2011			UNITS: M	icrograms/cubic mete	r (25 C)
												-	2 (25 0)
PQAO:	(0851) Penr	isyivania Depa	rtment Of Envir	conmental Prot	ection						MIN DETEC	CIABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1											.0000 ND	.0000 ND	
2									.0000 ND	.0000 ND			
3								.0000 ND					
4		.0510 5				.0000 ND	.0000 ND						
5	.0000 ND			.0000 ND	.0000 ND								
6			.0072										
7											.0076	.0000 ND	
8									.0000 ND	AF			
9								.0058					
10		.0000 ND				.0052	AM	.0050					
	0000 100	.0000 ND		0000 100	0000 MT	.0052	AM						
11	.0000 ND			.0000 ND	.0000 ND								
12			.0100										
13											AF	AF	
14									.0000 ND	.0000 ND			
15								.0000 ND					
16		.0000 ND				AF	AF						
17	.0000 ND			.0052	.0000 ND								
18			.0000 ND										
19											AG	.0000 ND	
20									.0000 ND	AF			
21								.0000 ND					
22		.0000 ND				.0000 ND	AF						
23	.0000 ND			.0000 ND	AF	10000 112							
23	.0000 ND		.0000 ND	.0000 ND	m								
24			.0000 ND								.0000 ND	.0000 ND	
											.0000 ND	.0000 ND	
26									.0054	.0000 ND			
27								.0000 ND					
28		.0000 ND				.0000 ND	.0000 ND						
29	.0000 ND			.0000 ND	.0000 ND								
30			.0000 ND										
31												.0000 ND	
	_	_	_	_			_	_			_	_	
NO.:	5	5	5	5	4	4	2	5	5	3	3	5	
MAX:	0.0000	.0510	.0100	.0052	0.0000	.0052	0.0000	.0058	.0054	0.0000	.0076	0.0000	
MEAN:	0.00000	.01020	.00344	.00104	0.00000	.00130	0.00000	.00116	.00108	0.00000	.00253	0.00000	
ANNITA	L OBSERVATIONS	: 51	ANNUAL MEAN:	.00191	ANNUAL MAX:	.0510							
PILINUOP	- ODOBRIVATIONS	DT DT	ANNUAL MEAN:	.00191	PHILOPHI PIPA.	.0310							

							AIR QUALIIY	SISIEM					
							RAW DATA I	REPORT				Jul. 10	5, 2019
(	12128) Lead (	TSP) STP											-92-1
SITE I	D: 42-007-072	7 POC: 2						(10) - 1					118996483
COUNTY	: (007) Beave	r					STATE:	(42) Pennsylv					500451209
CITY: (	00000) Not in	n a city					AQCR:		EST PENNSYLVANI			UTM ZONE:	
SITE A	DDRESS: LITTI	E BLUE RUN						ED AREA: (0000)		BAN AREA		UTM NORTHING:	
SITE C	OMMENTS:							E: INDUSTRIAL				UTM EASTING:	
MONITO:	R COMMENTS:						LOCATIO	N SETTING:	RURAL			ELEVATION-MSL: 287 PROBE HEIGHT:	
SUPPOR'	T AGENCY: (08	51) Pennsylvani	ia Department (	Of Environmenta	1 Protection								
MONITO	R TYPE: OTHER						REPORT	r FOR: 2015			DURATION	: 24 HOUR	
COLLEC	TION AND ANAL	YSIS METHOD: (	089) HI-VOL IC	P/MS W/QUARTZ H	FILTER						UNITS: M	icrograms/cubic meter (25	C)
PQAO:	(0851) Pe:	nnsylvania Depa	irtment Of Envi	ironmental Prot	ection						MIN DETE	CTABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1			.0000 ND										
2											.0000 ND	AF	
3									AF	.0000 ND			
4								.0000 ND					
5		AF				.0000 ND	.0099						
6	AG			.0000 ND	.0051								
7			.0000 ND										
8											.0097	.0058	
9								0.050	.0000 ND	.0000 ND			
10 11		.0000 ND				0000 m	0000 ND	.0052					
11	.0000 ND	.0000 ND		.0079	.0000 ND	.0000 ND	.0000 ND						
13	.0000 ND		.0000 ND	.0075	.0000 ND								
14			10000 112								.0000 ND	.0000 ND	
15									AF	.0000 ND			
16								.0000 ND					
17		.0000 ND				.0000 ND	.0000 ND						
18	.0000 ND			AG	.0000 ND								
19			.0000 ND										
20											.0000 ND	.0000 ND	
21									.0000 ND	.0000 ND			
22								.0000 ND					
23		.0000 ND				.0000 ND	.0000 ND						
24	AF			.0000 ND	.0425 5								
25			.0000 ND										
26											.0000 ND	.0000 ND	
27									.0000 ND	.0000 ND			
28								.0000 ND					
29					0000	.0000 ND	.0000 ND						
30	AF		0000 ***	.0000 ND	.0000 ND								
31			.0000 ND										
NO.:	2	3	6	4	5	5	5	5	3	5	5	4	
MAX:	0.0000	0.0000	0.0000	.0079	.0425	0.0000	.0099	.0052	0.0000	0.0000	.0097	.0058	
												000.45	

MAX: 0.0000 0.0000 0.0000 .0079 .0425 0.0000 .0099 .0052 0.0000 0.0000 .0097 MEAN: 0.00000 0.00000 0.00000 .00198 .00952 0.00000 .00198 .00104 0.00000 0.00000 .00194 .00145 ANNUAL OBSERVATIONS: 52 ANNUAL MEAN: .00166 ANNUAL MAX: .0425

							AIR QUALITY	SYSTEM					
							RAW DATA F	REPORT					Jul. 16, 2019
(1	12128) Lead ('	TSP) STP										CAS NUMBER:	7439-92-1
SITE II	D: 42-007-072	7 POC: 2					0.0000	(40)				LATITUDE:	40.6118996483
COUNTY:	: (007) Beaver	c					STATE:	(42) Pennsylv				LONGITUDE:	-80.500451209
CITY: (	00000) Not in	a city					AQCR:		ST PENNSYLVAN			UTM ZONE:	
	DDRESS: LITTL							ED AREA: (0000)		BAN AREA		UTM NORTHING:	
	OMMENTS:							E: INDUSTRIAL				UTM EASTING:	
	R COMMENTS:						LOCATIO	N SETTING:	RURAL			ELEVATION-MSL:	287
												PROBE HEIGHT:	
		51) Pennsylvani	ia Department O	f Environmenta	al Protection						DURATION	: 24 HOUR	
	R TYPE: OTHER						REPORT	FOR: 2016					(25 0)
		YSIS METHOD: ()										licrograms/cubic met	er (25 C)
PQAO:	(0851) Per	nnsylvania Depa	rtment Of Envi	ronmental Prot	ection						MIN DETE	CTABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1	.0000 ND		.0000 ND										
2											.0000 ND	.0000 ND	
3									.0088	.0000 ND			
4								.0000 ND					
5						.0000 ND	.0067						
6		.0000 ND		.0000 ND	.0000 ND								
7 8	.0076		.0000 ND								0000 100	0000 375	
8										0000 100	.0000 ND	.0000 ND	
10								.0000 ND	AF	.0000 ND			
10						AG	.0000 ND	.0000 ND					
12		.0000 ND		.0000 ND	.0000 ND	AG	.0000 ND						
13	.0000 ND	10000 112	.0000 ND		10000 112								
14											.0000 ND	AV	
15			AF						AF	.0000 ND			
16								.0000 ND					
17						.0000 ND	.0000 ND						
18		.0000 ND		.0000 ND	.0000 ND								
19	AJ		.0000 ND										
20											.0000 ND	AV	
21									.0000 ND	.0000 ND			
22								.0000 ND					
23						.0000 ND	.0000 ND						
24		.0000 ND		.0000 ND	.0000 ND								
25	AJ		.0000 ND										
26											.0000 ND	.0000 ND	
27									.0000 ND	.0000 ND			
28								.0063					
29						.0000 ND	AF						
30				.0000 ND	.0000 ND								
31	AJ		.0000 ND										
NO.:	3	4	6	5	5	4	4	5	3	5	5	3	
MAX:	.0076	0.0000	0.0000	0.0000	0.0000	0.0000	.0067	.0063	.0088	0.0000	0.0000	0.0000	
MEAN:	.00253	0.00000	0.00000	0.00000	0.00000	0.00000	.00168	.00126	.00293	0.00000	0.00000	0.00000	
ANNUA	L OBSERVATION	IS: 52	ANNUAL MEAN	.00057	ANNUAL MAX:	.0088							
		- 52	THEORE FIERIN	.00057									

						UNITED STA	TES ENVIRONMEN	TAL PROTECTION	AGENCY				
							AIR QUALIT						
							RAW DATA	REPORT				Jul. 16, 2019	
SITE II	2128) Lead ( 42-007-072 (007) Beaver	7 POC: 2					STATE: AQCR:	(42) Pennsyl (197) SOUTHW	vania EST PENNSYLVANI	۵		CAS NUMBER: 7439-92-1 LATITUDE: 40.61189964 LONGITUDE: -80.5004512 UTM ZONE:	
	00000) Not in	-							) NOT IN AN URB			UTM NORTHING:	
	DRESS: LITTL MMENTS:	E BLUE RUN						SE: INDUSTRIAI				UTM EASTING:	
	COMMENTS:						LOCATIO	ON SETTING:	RURAL			ELEVATION-MSL: 287 PROBE HEIGHT:	
	AGENCY: (08) TYPE: OTHER	51) Pennsylvani	a Department (	Of Environmental	l Protection		DEDOD	T FOR: 2017			DURATION	: 24 HOUR	
		YSIS METHOD: ((	)89) HI-VOL IC	P/MS W/QUARTZ F	ILTER		REPOR	I FOR. 2017			UNITS: M	icrograms/cubic meter (25 C)	
PQAO:				ironmental Prote							MIN DETE	CTABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1	AJ			.0000 ND	.0000 ND								
2 3			AJ								.0016 SQ	.0041	
4									.0031	.0021	10010 52		
5								.0012					
6		.0000 ND				.0009	.0047						
7	.0000 ND			.0000 ND	.0000 ND								
8			.0000 ND										
9 10									.0048	.0018	.0027	FI	
10								.0015	.0010	.0010			
12		.0000 ND				.0013	.0008						
13	.0000 ND			.0000 ND	.0023								
14			.0000 ND										
15 16									.0047	.0008	FI	FI	
10								.0037	.0047	.0008			
18		AJ				.0013	.0044						
19	AJ			.0000 ND	.0013								
20			.0000 ND										
21									10	-	.0012 SQ	.0034	
22 23								.0017	AG	TS			
23		.0000 ND				.0009	.0011						
25	.0000 ND			.0000 ND	.0000 ND								
26			.0000 ND										
27											.0031	FI	
28 29								FI	.0015	.0020 SQ			
29 30						.0009	.0053	Fl					
31	AJ				.0011								
NO.:	3	3	4	5	6	5	5	4	4	4	4	2	
MAX:	0.0000	0.0000	0.0000	0.0000	.0023	.0013	.0053	.0037	.0048	.0021	.0031	.0041	
MEAN:	0.00000	0.00000	0.00000	0.00000	.00078	.00106	.00326	.00203	.00353	.00168	.00215	.00375	

ANNUAL MEAN: .00146 Note: Qualifier codes with regional concurrence are shown in upper case, and those without

regional review are shown in lower case. An asterisk ("\*") indicates that the region

ANNUAL MAX:

.0053

has reviewed the value and does not concur with the qualifier.

ANNUAL OBSERVATIONS:

Jul.	16,	2019

							ICAW DATA	A REPORT					541. 10, 2019
(1	2128) Lead (T	SP) STP										CAS NUMBER:	7439-92-1
SITE ID	: 42-007-0727	POC: 2										LATITUDE:	40.6118996483
	(007) Beaver						STATE					LONGITUDE:	-80.500451209
	00000) Not in	a city					AQCR:		WEST PENNSYLVANI			UTM ZONE:	
SITE AD	DRESS: LITTLE	BLUE RUN						IZED AREA: (0000		BAN AREA		UTM NORTHING:	
SITE CO	MMENTS:							USE: INDUSTRIA				UTM EASTING:	0.07
MONITOR	COMMENTS:						LOCAT	ION SETTING:	RURAL			ELEVATION-MSL: PROBE HEIGHT:	287
GUDDODE	AGENGY, (005	1) Demoleend	- Demonstrant Of		1 Duchochicu							PROBE HEIGHT.	
	TYPE: OTHER	I) Pennsylvani	a Department Of	. Environmenta.	I Protection		PFDC	RT FOR: 2018			DURATIO	N: 24 HOUR	
		SIS METHOD: ((	089) HI-VOL ICP	/MS W/OUARTZ F	ILTER		KEPC	ACT POR:			UNITS:	Micrograms/cubic met	er (25 C)
PQAO:			rtment Of Envir								MIN DET	ECTABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
-						.0010 SQ							
1 2	.0021 SQ	.0013 SQ		.0020 SQ	.0032	.0010 SQ							
3	.0021 50		FI	.0020 30	.0032								
4													
5													
6													
7		.0027				.0020 SQ							
8	.0012 SQ			.0021 SQ	.0044								
9			.0010 SQ										
10													
11													
12 13		.0030				FI							
13	FI	.0030		.0057	.0025 SQ	Ρ⊥							
15	r 1		FI	.0057	.0025 50								
16													
17													
18													
19		.0017 SQ				.0015 SQ							
20	.0021 SQ			FI	.0015 SQ								
21			.0016 SQ										
22													
23 24													
24 25		.0016 SQ				.0018 SQ							
26	.0025	.0010 50		.0013 SQ	.0047	.0010 50							
27			.0019 SQ										
28													
29													
30													
31													
NO.:	4	5	3	4	5	4	0	0	0	0	0	0	
MAX:	.0025	.0030	.0019	.0057	.0047	.0020							
MEAN:	.00198	.00206	.00150	.00278	.00326	.00158							
ANNUAI	. OBSERVATIONS	3: 25	ANNUAL MEAN:	.00226	ANNUAL MAX:	.0057							

Jul. 16, 2019

(12132) Manganese (TSP) STP		CAS NUMBER: 7439-96-5
SITE ID: 42-007-0727 POC: 2 COUNTY: (007) Beaver CITY: (0000) Not in a city SITE ADDRESS: LITTLE BLUE RUN SITE COMMENTS: MONITOR COMMENTS:	STATE: (42) Pennsylvania AQCR: (197) SOUTHWEST PENNSYLVANIA URBANIZED AREA: (0000) NOT IN AN URBAN AREA LAND USE: INDUSTRIAL LOCATION SETTING: RURAL	LATITUDE: 40.6118996483 LONGITUDE: -80.500451209 UTM ZONE: UTM NORTHING: UTM EASTING: ELEVATION-MSL: 287 PROBE HEIGHT:
SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection MONITOR TYPE: OTHER COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER PQAO: (0851) Pennsylvania Department Of Environmental Protection	REPORT FOR: 2014	DURATION: 24 HOUR UNITS: Micrograms/cubic meter (25 C) MIN DETECTABLE:
MONTH		

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.015	.033
2									.023	.023		
3								.006				
4		.081 5				.042	.058					
5	.007			.010	.036							
6			.022									
7											.004	.009
8									.025	AF		
9								.027				
10		.007				.038	AM					
11	.006			.055	.022							
12			.026									
13 14									.010	.025	AF	AF
14								.016	.010	.025		
15		.023				AF	AF	.010				
17	.009	.025		.024	.004	nr	Ar					
18	.005		.015	.021	.001							
19			1015								AG	.006
20									.017	AF		
21								.005				
22		.010				.014	AF					
23	.021			.014	AF							
24			.012									
25											.005	.005
26									.071	.014		
27								.046				
28		.023				.051	.007					
29	.010			.003	.055							
30			.010									
31												.027
NO.:	5	5	5	5	4	4	2	5	5	3	3	5
MAX:	.021	.081	.026	.055	.055	.051	.058	.046	.071	.025	.015	.033
MEAN:	.0106	.0288	.0170	.0212	.0293	.0363	.0325	.0200	.0292	.0207	.0080	.0160

ANNUAL OBSERVATIONS: 51 ANNUAL MEAN: .0221 ANNUAL MAX: .081

Jul. 16, 2019

(12132) Manganese (TSP) STP		CAS NUMBER: 7439-96-5
SITE ID: 42-007-0727 POC: 2 COUNTY: (007) Beaver CITY: (0000) Not in a city SITE ADDRESS: LITTLE BLUE RUN SITE COMMENTS:	STATE: (42) Pennsylvania AQCR: (197) SOUTHWEST PENNSYLVANIA URBANIZED AREA: (0000) NOT IN AN URBAN AREA LAND USE: INDUSTRIAL LOCATION SETTING: RURAL	LATITUDE: 40.6118996483 LONGITUDE: -80.500451209 UTM ZONE: UTM NORTHING: UTM EASTING: ELEVATION-MSL: 287
MONITOR COMMENTS: SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection	2015	PROBE HEIGHT: DURATION: 24 HOUR

MONITOR TYPE: OTHER REPORT FOR: 2015 DURATION: 24 HOUR
COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER
PQA0: (0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.010									
2											.017	AF
3									AF	.006		
4								.016				
5		AF				.062	.115 5					
6 7	AG		.013	.023	.022							
8			.013								.035	.034
9									.044	.018	.035	.034
10								.051	.011	.010		
11		.033				.025	.053					
12	.030			.024	.015							
13			.012									
14											.012	.003
15									AF	.011		
16								.024				
17		.016				.054	.028					
18	.005			AG	.021							
19			.050									
20											.022	.005
21									.052	.029		
22		.024				185 5	100 5	.043				
23 24	AF	.024		.020	.038	.175 5	.120 5					
24	Ar		.011	.020	.038							
26			.011								.012	.002
27									.032	.010	1012	1002
28								.061				
29						.011	.034					
30	AF			.117 5	.010							
31			.074									
NO.:	2	3	6	4	5	5	5	5	3	5	5	4
MAX:	.030	.033	.074	.117	.038	.175	.120	.061	.052	.029	.035	.034
MEAN:	.0175	.0243	.0283	.0460	.0212	.0654	.0700	.0390	.0427	.0148	.0196	.0110
ANNUAI	L OBSERVATIONS:	52	ANNUAL MEAN:	.0343	ANNUAL MAX:	.175						

Jul. 16, 2019

(12132) Manganese (TSP) STP		CAS NUMBER: 7439-96-5
SITE ID: 42-007-0727 POC: 2 COUNTY: (007) Beaver CITY: (00000) Not in a city SITE ADDRESS: LITTLE BLUE RUN SITE COMMENTS: MONITOR COMMENTS:	STATE: (42) Pennsylvania AQCR: (197) SOUTHWEST PENNSYLVANIA URBANIZED AREA: (0000) NOT IN AN URBAN AREA LAND USE: INDUSTRIAL LOCATION SETTING: RURAL	LATITUDE: 40.6118996483 LONGITUDE: -80.500451209 UTM ZONE: UTM NORTHING: UTM EASTING: ELEVATION-MSL: 287 PROBE HEIGHT:
SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection MONITOR TYPE: OTHER	REPORT FOR: 2016	DURATION: 24 HOUR

COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTERUNITS: Micrograms/cubic meter (25 C)PQA0: (0851) Pennsylvania Department Of Environmental ProtectionMIN DETECTABLE:

Day	JANUARY I	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.004		.006									
2											.020	.003
3									.019	.028		
4								.019				
5						.010	.010					
6		.005		.017	.071 5							
7	.044		.007									
8											.018	.011
9									AF	.015		
10								.007				
11						AG	.020					
12		.016		.010	.012							
13	.012		.005									
14											.032	AV
15			AF						AF	.014		
16								.005				
17						.019	.011					
18		.015		.080 5	.033							
19	AJ		.111 5									
20											.014	AV
21									.006	.004		
22						000	015	.012				
23		.004		.010	.015	.009	.015					
24 25	AJ	.004	.015	.010	.015							
25	AU		.015								.005	.003
20									.031	.008	.005	.005
28								.014	.051	.000		
29						.063 5	AF	.011				
30				.007	.061							
31	AJ		.008									
NO.:	3	4	6	5	5	4	4	5	3	5	5	3
MAX:	.044	.016	.111	.080	.071	.063	.020	.019	.031	.028	.032	.011
MEAN:	.0200	.0100	.0253	.0248	.0384	.0253	.0140	.0114	.0187	.0138	.0178	.0057
ANNUAI	L OBSERVATIONS:	52	ANNUAL MEAN:	.0195	ANNUAL MAX:	.111						

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

MONTH

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY AIR QUALITY SYSTEM

							RAW DATA	REPORT					Jul. 16, 2019
(	12132) Mangan	ese (TSP) STP										CAS NUMBER:	7439-96-5
OTTE T	D: 42-007-072	7 POC: 2										LATITUDE:	40.6118996483
	: (007) Beave		2				STATE:	(42) Pennsyl	vania			LONGITUDE:	-80.500451209
	00000) Not in						AQCR:	(197) SOUTHW	EST PENNSYLVANI	A		UTM ZONE:	
	DDRESS: LITTI	-					URBANI	ZED AREA: (0000	) NOT IN AN URB	AN AREA		UTM NORTHING	:
	OMMENTS:	LE BLUE KUN					LAND U	JSE: INDUSTRIAI	5			UTM EASTING:	
	R COMMENTS:						LOCATI	ON SETTING:	RURAL			ELEVATION-MS	1: 287
MONTIO	R COMMENTS:											PROBE HEIGHT	:
SUPPOR'	T AGENCY: (08	51) Pennsylvan	ia Department	Of Environment	al Protection								
MONITOR TYPE: OTHER REPORT FOR: 2017 DURATION												N: 24 HOUR	
COLLEC	TION AND ANAL	YSIS METHOD: (	(089) HI-VOL I	CP/MS W/QUARTZ	FILTER						UNITS:	Micrograms/cubic me	ter (25 C)
PQAO:	(0851) Pe	nnsylvania Dep	artment Of Env	vironmental Pro	tection						MIN DET	ECTABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1	AJ			.003	.010								
2			AJ										
3											.023	.016	
4									.016	.018			
5								.030					
6		.010				.011	.008						
7	.008			.003	.009								
8			.006										
9											.021	FI	
10									.051	.032			
11								.019					
12		.004				.012	.004						
13	.016			.054	.014								
14			.013										
15											FI	FI	
16									.093 5	.015			

.051

18 .008 .083 5 AJ 19 AJ .008 .035 20 .011 .024 21 .010 22 AG TS 23 .019 24 .010 .011 .007 25 .004 .005 .005 26 .013

27											.021	FI	
28									.050	.006			
29								FI					
30						.011	.042						
31	AJ				.011								
NO.:	3	3	4	5	6	5	5	4	4	4	4	2	
MAX:	.016	.010	.013	.054	.035	.012	.083	.051	.093	.032	.023	.024	
MEAN:	.0093	.0080	.0108	.0146	.0140	.0106	.0288	.0298	.0525	.0178	.0188	.0200	
ANNUAL	OBSERVATIONS:	49	ANNUAL MEAN:	.0197	ANNUAL MAX:	.093							

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

17

(12132) Manganese (TSP) STP CAS NUMBER: 7439-96- LATITUDE: 40.61189 LATITUDE: 40.61189								AIR QUALI						
NDT 104-087-087     PORT 1								RAW DATA	REPORT					Jul. 16, 2019
Distribution         COUNT 1017         COUNT	(1:	2132) Manganes	se (TSP) STP										CAS NUMBER:	7439-96-5
NATURY (007) lawaw         NATURY (017) lawaw         NATURY (018) lawaw         NATURY													LATITUDE:	40.611899648
Martine     April 10 and 10 J     Martine     Mar			POC: 2					STATE	(42) Pennsy	lvania			LONGITUDE:	-80.50045120
								AQCR:			IA		UTM ZONE:	
								URBAN					UTM NORTHING:	
NUME WITTE CONTROL       NUME WITTE WALL       NUME WITTE CONTROL       NUM WITT			BLUE RUN											
Under U								LOCAT	ION SETTING:	RURAL			ELEVATION-MSL:	287
$ \begin{array}{{cccc} \\ \begin{titlematrix}{cccc} \\ \begin{titlematrix}{ccccc} \\ \begin{titlematrix}{ccccc} \\ \begin{titlematrix}{cccccc} \\ \begin{titlematrix}{cccccc} \\ \begin{titlematrix}{ccccccccc} \\ \begin{titlematrix}{cccccccccc} \\ \begin{titlematrix}{ccccccccccc} \\ \begin{titlematrix}{cccccccccccccccccccccccccccccccccccc$	IONITOR	COMMENTS:												
$ \begin{array}{{ccccc}  definition for a field of the set of th$	ידק∩ססוו	AGENCY: (0851	) Dennevlvani	ia Department Of	Fnuironment	al Protection								
$ \begin{array}{{ c c c c c c c c } \hline \blue transfer (1081) I and transfer (1$			) i ciliisyi valii	ia Deparemente of		ar riocceron		המשפ	PT FOR 2018	3		DURATIO	N: 24 HOUR	
<pre> (181) very varia bey reported by very varia bey were to be reported by very very by the report to be reported by very very by very by</pre>			SIS METHOD: (	089) HT-VOL TOP	/MS W/OUARTZ	FILTER		Itel 0	RI TOR!			UNITS:	Micrograms/cubic mete	er (25 C)
NUTH   1 104004 780040 780040 70008 NOTERE DECEMBEN   2 1.010 .007 .020 .007 .020   3 .012 .007 .020 .007 .020   4 .010 .007 .020 .007 .020   5 .007 .009 .007 .001 .007   5 .007 .009 .009 .007 .001   5 .007 .009 .007 .001 .007   6 .007 .009 .009 .007 .001   7 .007 .009 .007 .001 .007   10 .007 .009 .007 .001 .007   10 .007 .009 .007 .007   10 .009 .007 .007 .007   10 .009 .007 .007 .007   10 .009 .007 .007   10 .009 .007 .007   10 .009 .007 .007   10 .007 .007 .007   10 .007 .007 .007   10 .007 .007 .007   10 .007 .007 .007   10 .007 .007 .007   10 .007 .007 .007   10 .007 .007 .007   10 .007 .007 .007   10 .007 .007 .007   10 .007 .007 .007												MIN DET	ECTABLE:	
Day     JANDAY     PERMARY     MARCH     APRIL     MAY     JUNE     OUTOR     DEFEMBER     OUTORER     DUTEMBER     DEFEMBER       1     .009     .009     .007     .029     .007     .029     .007     .029       3     .007     .027     .007     .029     .007     .029     .007     .010     .010       3     .007     .029     .007     .029     .010     .010     .010     .010     .010     .010       5     .009     .009     .010     .010     .010     .010     .010     .010     .010     .010       5     .009     .010     .010     .010     .010     .010     .010     .010     .010     .010       10     .009     .010     .010     .010     .010     .010     .010     .010     .010       11     .010     .010     .010     .010     .010     .010     .010     .010     .010     .010	2													
$ \left[ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1		.009				.009							
$ \begin{bmatrix} 1 \\ 5 \\ 6 \\ 7 \\ 7 \\ 7 \\ 8 \\ 7 \\ 7 \\ 9 \\ 7 \\ 9 \\ 7 \\ 9 \\ 9 \\ 9 \\ 9$		.012			.007	.022								
$ \begin{bmatrix} 5 \\ 6 \\ 7 \\ 0 \\ 0 \\ 0 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$	3			FI										
	4													
	5													
9       .001       .003       .014         9       .005       .005         11       .020       .01       .01         12       .020       .01         13       .020       .01         14       P1       .020       .01         15       .020       .01         16       .014       .020       .028         17       .015       .028         18       .014       .015       .028         19       .004       .013       .015         12       .014       .014       .014         13       .014       .014       .015         14       .014       .014       .014       .014         15       .014       .014       .014       .014         14       .014	6													
	7		.006				.013							
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	8	.007			.008	.014								
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	9			.005										
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	10													
13       .020       .045       .09         14       PI       .045       .09         15       .71       .71         16       .71       .72         17       .72       .72         18       .72       .72         29       .704 sq       .71         21       .703       .71         22       .71       .71         23       .72       .73         24       .704 sq       .73         25       .704 sq       .739         26       .704 sq       .739         27       .707       .707         28       .704 sq       .739         29       .707       .707         30       .707       .707         31       .707       .707         32       .707       .707         33       .707       .707         31       .707       .707         32       .707       .707         33       .707       .707         34       .707       .707         35       .707       .707         36       .707       .707 </td <td></td>														
14     F1     .045     .009       15     F1     .019       16														
15       FI         16			.020				FI							
16		FI			.045	.009								
17     18     .04 50     .02       19     .04 50     FT     .015       21     .013     .013       23     .04 50     .029       24     .039     .016       25     .004 50     .039       26     .007     .007       28     .007       29     .007       29     .007       20     .007       21     .013       20     .013       .011     .020       .012     .013       .012     .013       .012     .013				FI										
18     .04 sq     .02       19     .04 sq     FI       20     .05     FI       21     .013       22     .04 sq       23     .04 sq       24     .04 sq       25     .04 sq       26     .05       .09     .06       27     .07       28     .07       29     .07       20     .07       21     .07       22     .07       23     .07       24     .07       25     .04 sq       .07     .07       28     .07       30     .02       .01     .03       .02     .03														
19       .04 sQ       .02         20       .005       FI       .015         21       .013       .013         22       .014 sQ       .013         23       .025       .004 sQ       .026         24       .015       .008         25       .004 sQ       .039       .016         27       .007       .017         28       .007       .017         29       .007       .017         30       .017       .017         31       .02       .02														
20       .05       FI       .015         21       .013         22       .014         23       .02         24       .005         25       .004 SQ         26       .005         27       .039         28       .017         29       .017         30       .016         31       .02         NO.:       4       5       3         4       5       3       4       0       0       0       0         MAX:       .012       .013       .045       .022       .026       .02       .02			004 50				000							
21       .013         22       .04         23       .04 sq         24       .05         25       .04 sq         26       .05         27       .039         28       .007         29       .017         30       .017         31       .02         NO.:       4       5       3       4       5       4       0       0       0       0       0         MAX:       .012       .020       .013       .025       .028       .02       .028       .02		0.05	.004 SQ		E T	015	.028							
22       23       24         25       .004 sg       .039       .016         26       .005       .039       .016         27       .007       .007       .010         28       .007       .010       .010         30       .011       .025       .026		.005		013	Γ⊥	.015								
23       .04       .09       .004 sq       .039       .08         26       .05       .039       .01         27       .007       .01       .007         28       .007       .01       .01         30       .01       .01       .01       .01         NO.1       4       5       3       4       5       4       0       0       0       0       0         MAX:       .012       .020       .013       .045       .022       .024       .02       .024       .02       .02       .024       .02       .024       .02       .02       .024       .02       .02       .024       .02       .02       .024       .02       .02       .024       .02       .024       .02       .024       .02       .024       .02       .024       .02       .024       .02       .024       .02       .024       .02       .024       .02       .024				.015										
24     .004 SQ     .003       25     .005     .039       26     .007       27     .007       28     .007       29     .010       30     .011       31     .012       NO.12     .020       .013     .045       .020     .020														
25       .04 sq       .039       .06         26       .007       .007         28       .007       .01         29       .01       .01         30       .01       .01         31       .02       .03         NO.:       4       5       3       4       5       4       0       0       0       0       0         MAX:       .012       .020       .013       .045       .022       .028       .021														
26 .005 .039 .016 27 .007 28 29 30 31 NO.: 4 5 3 4 5 4 0 0 0 0 0 0 0 0 MAX: .012 .020 .013 .045 .022 .028			.004 50				.008							
27 .007 28 29 30 31 NO.: 4 5 3 4 5 4 0 0 0 0 0 0 0 0 MAX: .012 .020 .013 .045 .022 .028		.005			.039	.016								
28 29 30 31 No.: 4 5 3 4 5 4 0 0 0 0 0 0 0 MAX: .012 .020 .013 .045 .022 .028				.007										
29 30 31 NO.: 4 5 3 4 5 4 0 0 0 0 0 0 MAX: .012 .020 .013 .045 .022 .028														
31 NO.: 4 5 3 4 5 4 0 0 0 0 0 0 MAX: .012 .020 .013 .045 .022 .028														
31 NO.: 4 5 3 4 5 4 0 0 0 0 0 0 MAX: .012 .020 .013 .045 .022 .028	30													
MAX: .012 .020 .013 .045 .022 .028														
MAX: .012 .020 .013 .045 .022 .028			-	2		-		2	2	<u>^</u>	2	2	0	
								0	0	0	0	0	0	
MEAN: .00/5 .0000 .0000 .00240 .0122 .0145														
	MEAN:	.0073	.0080	.0083	.0248	.0152	.0145							
ANNUAL OBSERVATIONS: 25 ANNUAL MEAN: .0132 ANNUAL MAX: .045														

							AIR QUALIIY						
							RAW DATA I	REPORT					Jul. 16, 2019
(1	12136) Nickel	(TSP) STP										CAS NUMBER:	7440-02-0
												LATITUDE:	40.6118996483
	0: 42-007-0727						STATE:	(42) Pennsylv	vania			LONGITUDE:	-80.500451209
	: (007) Beaver						AQCR:	(197) SOUTHWE	ST PENNSYLVANI	A		UTM ZONE:	
	00000) Not in DDRESS: LITTL	-					URBANIZ	ED AREA: (0000)	NOT IN AN URB	AN AREA		UTM NORTHING:	
	ODRESS. LIIIL	E BLUE RUN					LAND US	E: INDUSTRIAL				UTM EASTING:	
	R COMMENTS:						LOCATIO	N SETTING:	RURAL			ELEVATION-MSL:	287
10111101	C COMMENTS.											PROBE HEIGHT:	
SUPPORT	r agency: (085	51) Pennsylvani	a Department (	Of Environmenta	l Protection								
	R TYPE: OTHER						REPORT	r FOR: 2014			DURATION		
				P/MS W/QUARTZ F								icrograms/cubic mete	er (25 C)
PQAO:	(0851) Pen	insylvania Depa	rtment Of Envi	ronmental Prot	ection						MIN DETE	CTABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1											.000 ND	.000 ND	
2									.000 ND	.000 ND			
3								.000 ND					
4		.008				.000 ND	.000 ND						
5	.000 ND			.000 ND	.000 ND								
6			.000 ND										
7											.000 ND	.000 ND	
8									.000 ND	AF			
9								.000 ND					
10		.000 ND				.000 ND	AM						
11	.000 ND			.000 ND	.000 ND								
12			.000 ND										
13											AF	AF	
14 15								.000 ND	.000 ND	.000 ND			
15		.000 ND				AF	AF	.000 ND					
10	.000 ND	.000 ND		.000 ND	.000 ND	Ar	Ar						
18	.000 ND		.000 ND	.000 ND	.000 ND								
19			1000 112								AG	.000 ND	
20									.000 ND	AF			
21								.000 ND					
22		.000 ND				.000 ND	AF						
23	.000 ND			.000 ND	AF								
24			.000 ND										
25											.000 ND	.000 ND	
26									.008	.000 ND			
27								.000 ND					
28		.000 ND				.000 ND	.000 ND						
29	.000 ND			.000 ND	.000 ND								
30			.000 ND										
31												.000 ND	
NO.:	5	5	5	5	4	4	2	5	5	3	3	5	
MAX:	0.000	.008	0.000	0.000	0.000	0.000	0.000	0.000	.008	0.000	0.000	0.000	
MEAN:	0.0000	.0016	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.0016	0.0000	0.0000	0.0000	

ANNUAL OBSERVATIONS: 51 ANNUAL MEAN: .0003 ANNUAL MAX: .008

Jul. 16, 2019

MIN DETECTABLE:

(12136) Nickel (TSP) STP		CAS NUMBER: 7440-02-0
SITE ID: 42-007-0727 POC: 2 COUNTY: (007) Beaver CITY: (00000) Not in a city SITE ADDRESS: LITTLE BLUE RUN SITE COMMENTS: MONITOR COMMENTS:	STATE: (42) Pennsylvania AQCR: (197) SOUTHWEST PENNSYLVANIA URBANIZED AREA: (0000) NOT IN AN URBAN AREA LAND USE: INDUSTRIAL LOCATION SETTING: RURAL	LATITUDE: 40.6118996483 LONGITUDE: -80.500451209 UTM ZONE: UTM NORTHING: UTM EASTING: ELEVATION-MSL: 287 PROBE HEIGHT:
SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection MONITOR TYPE: OTHER COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER	REPORT FOR: 2015	DURATION: 24 HOUR UNITS: Micrograms/cubic meter (25 C)

PQAO: (0851) Pennsylvania Department Of Environmental Protection

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.000 ND									
2			1000 112								.000 ND	AF
3									AF	.000 ND		
4								.000 ND				
5		AF				.000 ND	.000 ND					
6	AG			.000 ND	.000 ND							
7			.000 ND									
8											.000 ND	.000 ND
9									.000 ND	.000 ND		
10								.000 ND				
11		.000 ND				.000 ND	.000 ND					
12	.000 ND			.000 ND	.000 ND							
13			.000 ND									
14											.000 ND	.000 ND
15									AF	.000 ND		
16								.000 ND				
17		.000 ND				.000 ND	.000 ND					
18	.000 ND		.000 ND	AG	.000 ND							
19 20			.000 ND								.000 ND	.000 ND
20									.000 ND	.000 ND	.000 ND	.000 ND
22								.000 ND	.000 ND	.000 ND		
23		.000 ND				.000 ND	.000 ND	.000 ND				
24	AF			.000 ND	.000 ND							
25			.000 ND									
26											.000 ND	.000 ND
27									.000 ND	.000 ND		
28								.000 ND				
29						.000 ND	.000 ND					
30	AF			.000 ND	.000 ND							
31			.000 ND									
NO.:	2	3	6	4	5	5	5	5	3	5	5	4
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL	OBSERVATIONS:	52	ANNUAL MEAN:	0.0000	ANNUAL MAX:	0.000						

							AIR QUALIIY						
							RAW DATA H	REPORT					Tul. 16, 2019
(1	2136) Nickel	(TSP) STP										CAS NUMBER:	7440-02-0
SITE ID	: 42-007-0727	POC: 2					STATE:	(40)				LATITUDE:	40.6118996483
COUNTY:	(007) Beaver							(42) Pennsylv				LONGITUDE:	-80.500451209
CITY: ((	00000) Not in	a city					AQCR:		ST PENNSYLVANI			UTM ZONE: UTM NORTHING:	
SITE AD	DRESS: LITTL	E BLUE RUN						ED AREA: (0000) E: INDUSTRIAL	NOI IN AN URBA	AN AREA		UTM EASTING:	
SITE CC	MMENTS:							N SETTING:	RURAL			ELEVATION-MSL:	207
MONITOR	COMMENTS:						LOCATIO	N SEITING.	RORAD			PROBE HEIGHT:	207
	AGENCY: (08	1) Dennevlvani	a Department (	)f Environmenta	1 Protection							TRODE INFIGHT.	
	TYPE: OTHER	,, i ciiiby i vaiii	ta poparemente e	i Bilvironmeneu	1 11000001011		REPORT	FOR: 2016			DURATION	: 24 HOUR	
COLLECT	ION AND ANALY	YSIS METHOD: (	089) HI-VOL IC	P/MS W/QUARTZ F	ILTER						UNITS: M	icrograms/cubic mete	r (25 C)
PQAO:	(0851) Per	nsylvania Depa	rtment Of Envi	ronmental Prote	ection						MIN DETE	CTABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1	.000 ND		.000 ND										
2											.000 ND	.000 ND	
3									.000 ND	.000 ND			
4								.000 ND					
5						.000 ND	.000 ND						
6		.000 ND		.000 ND	.000 ND								
7	.000 ND		.000 ND								.000 ND	.000 ND	
8									AF	.000 ND	.000 ND	.000 ND	
10								.000 ND	AP	.000 ND			
10						AG	.000 ND	.000 ND					
12		.000 ND		.000 ND	.000 ND	AG	.000 ND						
13	.000 ND		.000 ND										
14											.000 ND	AV	
15			AF						AF	.000 ND			
16								.000 ND					
17						.000 ND	.000 ND						
18		.000 ND		.000 ND	.000 ND								
19	AJ		.000 ND										
20											.000 ND	AV	
21									.000 ND	.000 ND			
22 23						.000 ND	.000 ND	.000 ND					
23		.000 ND		.000 ND	.000 ND	.000 ND	.000 ND						
24	AJ	.000 ND	.000 ND	.000 MD	.000 ND								
26	NO		.000 ND								.000 ND	.000 ND	
27									.000 ND	.000 ND			
28								.000 ND					
29						.000 ND	AF						
30				.000 ND	.000 ND								
31	AJ		.000 ND										
NO.:	3	4	6	5	5	4	4	5	3	5	5	3	
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	

ANNUAL MEAN: 0.0000 Note: Qualifier codes with regional concurrence are shown in upper case, and those without

regional review are shown in lower case. An asterisk ("\*") indicates that the region

ANNUAL MAX:

0.000

has reviewed the value and does not concur with the qualifier.

52

ANNUAL OBSERVATIONS:

							AIR QUALITY						
							RAW DATA R	EPORT					Jul. 16, 2019
(1	12136) Nickel	(TSP) STP										CAS NUMBER:	7440-02-0
SITE II	D: 42-007-0727	POC: 2					0,0000	(10) - 3				LATITUDE:	40.6118996483
COUNTY	: (007) Beaver						STATE:	(42) Pennsylv				LONGITUDE:	-80.500451209
CITY: (	00000) Not in	a city					AQCR:		ST PENNSYLVANI			UTM ZONE:	
SITE AI	DDRESS: LITTLE	BLUE RUN						ED AREA: (0000)	NOT IN AN URBA	AN AREA		UTM NORTHING:	
SITE CO	OMMENTS:							: INDUSTRIAL				UTM EASTING:	0.07
MONITOR	R COMMENTS:						LOCATION	N SETTING:	RURAL			ELEVATION-MSL: PROBE HEIGHT:	287
												PROBE REIGHT.	
		1) Pennsylvani	a Department O	f Environmenta	l Protection			0015			DURATION	: 24 HOUR	
	R TYPE: OTHER						REPORT	FOR: 2017				icrograms/cubic mete	vr (25 C)
			089) HI-VOL ICE										1 (25 C)
PQAO:	(0851) Pen	nsylvania Depa	rtment Of Envi	ronmental Prote	ection						MIN DETE	CTABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1	AJ			.000 ND	.000 ND								
2			AJ										
3											.000 ND	.000 ND	
4									.000 ND	.000 ND			
5								.000 ND					
6 7	000 100	.000 ND		000 100	000 100	.000 ND	.000 ND						
8	.000 ND		.000 ND	.000 ND	.000 ND								
9			.000 ND								.000 ND	FI	
10									.000 ND	.000 ND	.000 ND	F I	
11								.000 ND	.000 ND	.000 MD			
12		.000 ND				.000 ND	.000 ND						
13	.000 ND			.000 ND	.000 ND								
14			.000 ND										
15											FI	FI	
16									.003	.000 ND			
17								.000 ND					
18		AJ				.000 ND	.000 ND						
19	AJ			.000 ND	.000 ND								
20			.000 ND										
21											.003	.002 SQ	
22									AG	TS			
23		000 m				000 ND	000 ND	.000 ND					
24 25	.000 ND	.000 ND		.000 ND	.000 ND	.000 ND	.000 ND						
26	.000 ND		.000 ND	.000 ND	.000 ND								
20			.000 ND								.000 ND	FI	
28									.000 ND	.000 ND	1000 112		
29								FI					
30						.000 ND	.000 ND						
31	AJ				.000 ND								
NO.:	3	3	4	5	6	5	5	4	4	4	4	2	
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	.003	4 0.000	.003	.002	
MAA: MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.000	0.0000	.0008	0.0000	.0008	.0010	
	L OBSERVATION				ANNUAL MAX:	.003							
AININUA	L UDJERVALIUN	5: 49	ANNUAL MEAN:	.0002	ANNOAL PIAX .	.005							

							AIR QUALIT						- 1 16 0010
							RAW DATA	REPORT					Jul. 16, 2019
(12	136) Nickel	(TSP) STP										CAS NUMBER:	7440-02-0
TTE TD:	42-007-0727	POC: 2										LATITUDE:	40.61189964
	(007) Beaver						STATE:					LONGITUDE:	-80.5004512
	0000) Not in	a citv					AQCR:		VEST PENNSYLVAN:			UTM ZONE:	
	RESS: LITTLE								)) NOT IN AN URE	BAN AREA		UTM NORTHING:	
SITE COM								SE: INDUSTRIA				UTM EASTING:	
	COMMENTS:						LOCATI	ON SETTING:	RURAL			ELEVATION-MSL PROBE HEIGHT:	: 287
TPPORT	AGENCY: (0851	1) Pennsvlvani	a Department Of	Environmenta	1 Protection							FROBE HEIGHT.	
	TYPE: OTHER	1, 10mb/10m1	a beparemente or		1 11000001011		REPOR	T FOR: 2018			DURATIO	N: 24 HOUR	
		SIS METHOD: (C	89) HI-VOL ICP	/MS W/OUARTZ F	ILTER		ithi oi	ii rokt			UNITS:	Micrograms/cubic met	er (25 C)
QAO:			rtment Of Envir								MIN DET	ECTABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1		.000 ND				.000 ND							
2	.000 ND			.000 ND	.000 ND								
3			FI										
4													
5													
6													
7		.000 ND				.000 ND							
8	.000 ND			.000 ND	.000 ND								
9			.000 ND										
10													
11 12													
13		.001 SQ				FI							
14	FI	.001 50		.001 SQ	.000 ND	1.1							
15			FI										
16													
17													
18													
19		.000 ND				.000 ND							
20	.000 ND			FI	.000 ND								
21			.000 ND										
22													
23													
24													
25		.000 ND				.001 SQ							
26	.000 ND		000	.000 ND	.000 ND								
27 28			.000 ND										
28 29													
30													
31													
NO.:	4	5	3	4	5	4	0	0	0	0	0	0	
MAX:	0.000	.001	0.000	.001	0.000	.001	0	0	0	0	Ŭ	, i i i i i i i i i i i i i i i i i i i	
	0.0000	.0002	0.0000	.0003	0.0000	.0003							
	OBSERVATIONS	25	ANNUAL MEAN:	.0001	ANNUAL MAX:	.001							

							MIN QUADI	11 313156					
							RAW DATA	REPORT					Jul. 16, 2019
(	12167) Zinc (	TSP) STP										CAS NUMBER:	7440-66-6
0100 1	D: 42-007-072	7 POC: 2										LATITUDE:	40.6118996483
	: (007) Beave						STATE	(42) Pennsyl	lvania			LONGITUDE:	-80.500451209
	00000) Not ir						AQCR:	(197) SOUTHW	WEST PENNSYLVAN	IA		UTM ZONE:	
	DDRESS: LITTI	-					URBAN	IZED AREA: (0000	) NOT IN AN UR	BAN AREA		UTM NORTHIN	G:
	ODRESS: LIIII OMMENTS:	E BLUE RUN					LAND 1	JSE: INDUSTRIA	L			UTM EASTING	:
	R COMMENTS:						LOCAT	ION SETTING:	RURAL			ELEVATION-M	ISL: 287
MONTIO	IC COMMENTS:											PROBE HEIGH	т:
SUPPOR'	T AGENCY: (08	51) Pennsylvan	ia Department	Of Environment	al Protection								
MONITO	R TYPE: OTHER						REPO	RT FOR: 2014				ON: 24 HOUR	
COLLEC	TION AND ANAL	YSIS METHOD: (	089) HI-VOL IC	CP/MS W/QUARTZ	FILTER						UNITS:	Micrograms/cubic m	neter (25 C)
PQAO:	(0851) Pe	nnsylvania Depa	artment Of Env	ironmental Pro	otection						MIN DET	TECTABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1											.017	.015	
2									.017	.023			
3								.027					
4		.402 5				.055 5	.009						
5	.055 5			.020	.018								
6			.065 5										
7											.022	.015	
8									.026	AF			
9								.041					
10		.037				.027	AM						
11	.050			.014	.034								
12			.102 5										
13											AF	AF	
14									.024	.021			
15								.028					
16		.293 5				AF	AF						

17	.025			.019	.014							
18			.023									
19											AG	.011
20									.016	AF		
21								.014				
22		.010				.017	AF					
23	.031			.011	AF							
24			.014									
25											.011	.011
26									.034	.023		
27								.036				
28		.041				.021	.011					
29	.017			.010	.029							
30			.021									
31												.015
NO.:	5	5	5	5	4	4	2	5	5	3	3	5
MAX:	.055	.402	.102	.020	.034	.055	.011	.041	.034	.023	.022	.015
MEAN:	.0356	.1566	.0450	.0148	.0238	.0300	.0100	.0292	.0234	.0223	.0167	.0134

.402

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

.0381

ANNUAL MAX:

ANNUAL MEAN:

ANNUAL OBSERVATIONS:

51

Jul. 16, 2019

(12167) Zinc (TSP) STP		CAS NUMBER: 7440-66-6
SITE ID: 42-007-0727 POC: 2 COUNTY: (007) Beaver CITY: (0000) Not in a city SITE ADDRESS: LITTLE BLUE RUN SITE COMMENTS: MONITOR COMMENTS:	STATE: (42) Pennsylvania AQCR: (197) SOUTHWEST PENNSYLVANIA URBANIZED AREA: (0000) NOT IN AN URBAN AREA LAND USE: INDUSTRIAL LOCATION SETTING: RURAL	LATITUDE: 40.6118996483 LONGITUDE: -80.500451209 UTM ZONE: UTM NORTHING: UTM EASTING: ELEVATION-MSL: 287 PROBE HEIGHT:
SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection MONITOR TYPE: OTHER	REPORT FOR: 2015	DURATION: 24 HOUR

COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTERUNITS: Micrograms/cubic meter (25 C)PQA0: (0851) Pennsylvania Department Of Environmental ProtectionMIN DETECTABLE:

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.026									
2											.017	AF
3									AF	.011		
4								.013				
5 6	AG	AF		.021	.023	.020	.030					
6 7	AG		.019	.021	.023							
8			.019								.036	.050
9									.041	.019		
10								.022				
11		.027				.026	.023					
12	.015			.041	.013							
13			.015									
14											.014	.013
15									AF	.013		
16 17		.025				.035	.019	.019				
18	.010	.025		AG	.010	.035	.019					
19	.010		.042	AG	.010							
20											.017	.016
21									.044	.013		
22								.019				
23		.032				.017	.014					
24	AF			.027	.026							
25			.019									
26									000	0.01	.015	.006
27 28								.021	.022	.021		
29						.020	.020	.021				
30	AF			.019	.014	1020	1020					
31			.015									
	2	3	6	4	5	5	5	5	3	5	5	4
NO.: MAX:	.015	.032	.042	4	.026	.035	.030	.022	.044	.021	.036	.050
MEAN:	.0125	.0280	.0227	.0270	.0172	.0236	.0212	.0188	.0357	.0154	.0198	.0213
	L OBSERVATIONS:	52	ANNUAL MEAN:		ANNUAL MAX:	.050						
FILLIOFI	2 020BR(#HI10ND.	52	MINUAL PIEAN.	.0210	THE PROPERTY AND A PR	.050						

Jul. 16, 2019

(12167) Zinc (TSP) STP		CAS NUMBER: 7440-66-6
SITE ID: 42-007-0727 POC: 2 COUNTY: (007) Beaver CITY: (00000) Not in a city SITE ADDRESS: LITTLE BLUE RUN SITE COMMENTS: MONITOR COMMENTS:	STATE: (42) Pennsylvania AQCR: (197) SOUTHWEST PENNSYLVANIA URBANIZED AREA: (0000) NOT IN AN URBAN AREA LAND USE: INDUSTRIAL LOCATION SETTING: RURAL	LATITUDE: 40.6118996483 LONGITUDE: -80.500451209 UTM ZONE: UTM NORTHING: UTM EASTING: ELEVATION-MSL: 287 PROBE HEIGHT:
SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection MONITOR TYPE: OTHER COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER PQAO: (0851) Pennsylvania Department Of Environmental Protection	REPORT FOR: 2016	DURATION: 24 HOUR UNITS: Micrograms/cubic meter (25 C) MIN DETECTABLE:

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.000 ND		.010									
2											.014	.009
3									.012	.027		
4								.032				
5						.009	.012					
6		.011		.018	.022							
7	.053 5		.009									
8											.021	.014
9								01.2	AF	.009		
10 11						AG	.011	.013				
12		.020		.011	.012	AG	.011					
13	.014	.020	.024	.011	.012							
14	.011										.020	AV
15			AF						AF	.017		
16								.000 ND				
17						.010	.013					
18		.014		.019	.024							
19	AJ		.013									
20											.022	AV
21									.008	.000 ND		
22								.020				
23						.009	.043 5					
24		.022		.013	.017							
25	AJ		.009									
26											.009	.007
27									.012	.011		
28						.008	1	.011				
29 30				.011	.013	.008	AF					
31	AJ		.010	.011	.015							
NO.:	3	4	6	5	5	4	4	5	3	5	5	3
MAX:	.053	.022	.024	.019	.024	.010	.043	.032	.012	.027	.022	.014
MEAN:	.0223	.0168	.0125	.0144	.0176	.0090	.0198	.0152	.0107	.0128	.0172	.0100
ANNUA	L OBSERVATIONS	52	ANNUAL MEAN:	.0148	ANNUAL MAX:	.053						

							AIR QUADIII	515156					
							RAW DATA 1	REPORT					Jul. 16, 2019
(	12167) Zinc (	TSP) STP										CAS NUMBER:	7440-66-6
	D: 42-007-072	7 POC: 2										LATITUDE:	40.6118996483
			2				STATE:	(42) Pennsy	lvania			LONGITUDE:	-80.500451209
	: (007) Beaver						AQCR:	(197) SOUTH	WEST PENNSYLVANI	A		UTM ZONE:	
	(00000) Not in						URBANIZ	ED AREA: (0000	) NOT IN AN URB	AN AREA		UTM NORTHING:	
	DDRESS: LITTL	E BLUE RUN					LAND US	E: INDUSTRIA	L			UTM EASTING:	
	OMMENTS:						LOCATIC	N SETTING:	RURAL			ELEVATION-MSL	287
MONITC	R COMMENTS:											PROBE HEIGHT:	
MONITC	R TYPE: OTHER TION AND ANAL (0851) Per	YSIS METHOD:	- (089) HI-VOL I	. Of Environment ICP/MS W/QUARTZ vironmental Pro	FILTER		REPORT	r FOR: 2017				: 24 HOUR licrograms/cubic met CTABLE:	er (25 C)
Day	MONTH JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1	AJ			.013	.000 ND								
2			AJ										
3											.000 ND	.025 SQ	
4									.015	.013			
5								.007					
6		.016				.000 ND	.000 ND						
7	.015			.010	.000 ND								
8	. 515		.007	.010									
9											.000 ND	FI	
10									.024	.021		-	

10									.024	.021		
11								.033				
12		.014				.000 ND	.000 ND					
13	.013			.015	.000 ND							
14			.012									
15											FI	FI
16									.036	.030		
17								.021				
18		AJ				.000 ND	.039 5					
19	AJ			.009	.000 ND							
20			.016									
21											.000 ND	.027 SQ
22									AG	TS		
23								.033				
24		.008				.000 ND	.008					
25	.013			.008	.000 ND							
26			.012									
27											.018 SQ	FI
28									.018	.000 ND		
29								FI				
30						.000 ND	.011					
31	AJ				.000 ND							

NO.:	3	3	4	5	6	5	5	4	4	4	4	2
MAX:	.015	.016	.016	.015	0.000	0.000	.039	.033	.036	.030	.018	.027
MEAN:	.0137	.0127	.0118	.0110	0.0000	0.0000	.0116	.0235	.0233	.0160	.0045	.0260
ANNUAL	OBSERVATIONS:	49	ANNUAL MEAN:	.0114	ANNUAL MAX:	.039						

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (\*\*\*) indicates that the region

has reviewed the value and does not concur with the qualifier.

Jul. 16, 2019

							RAW DAT	A REPORT					Jul. 16, 2019
(12	167) Zinc (T	SP) STP										CAS NUMBER:	7440-66-6
	42-007-0727	POC: 2										LATITUDE:	40.61189964
		POC: 2					STATE	: (42) Pennsy	vlvania			LONGITUDE:	-80.5004512
	(007) Beaver						AQCR	(197) SOUTH	WEST PENNSYLVAN	IA		UTM ZONE:	
	0000) Not in						URBAI	NIZED AREA: (000	0) NOT IN AN UR	BAN AREA		UTM NORTHING	3:
	RESS: LITTLE	S BLUE RUN					LAND	USE: INDUSTRI.	AL			UTM EASTING:	
ITE COM								ION SETTING:	RURAL			ELEVATION-MS	
ONITOR	COMMENTS:											PROBE HEIGHT	
UPPORT	AGENCY: (085	1) Pennsylvani	a Department O	f Environmenta	l Protection							N. 04 WOWD	
ONITOR	TYPE: OTHER						REP	ORT FOR: 201	8			N: 24 HOUR	
			089) HI-VOL ICF									Micrograms/cubic m	eter (25 C)
QAO:	(0851) Pen	nsylvania Depa	rtment Of Envi	ronmental Prote	ection						MIN DET	ECTABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1		.019 SQ				.000 ND							
2	.000 ND			.000 ND	.000 ND								
3			FI										
4													
5													
6													
7		.019 SQ				.000 ND							
8	.026 SQ			.000 ND	.000 ND								
9			.000 ND										
10													
11													
12													
13		.019 SQ				FI							
14	FI			.025 SQ	.017 SQ								
15			FI										
16													
17 18													
19		.000 ND				.000 ND							
20	.025 SQ	.000 ND		FI	.000 ND	.000 ND							
20	.025 50		.000 ND	Γ⊥	.000 ND								
22			.000 ND										
23													
24													
25		.000 ND				.000 ND							
26	.018 SQ			.019 SQ	.000 ND								
27			.019 SQ	· · · 2									
28													
29													
30													
31													
NO.:	4	5	3	4	5	4	0	0	0	0	0	0	
	.026	.019	.019	.025	.017	.000 <sup>4</sup>	0	0	U	0	0	U	
MAX:				.025	.017	0.000							
MAX: MEAN:	.020	.0114	.0063	.0110	.0034	0.0000							

#### QUALIFIER CODES:

Qualifier Code	Qualifier Description	Qualifier Type
5	Outlier.	QA
AF	Scheduled but not Collected.	NULL
AG	Sample Time out of Limits.	NULL
AJ	Filter Damage.	NULL
AM	Miscellaneous Void.	NULL
AV	Power Failure.	NULL
FI	Filter Inspection Flag.	NULL
ND	No Value Detected, Zero Reported.	QA
SQ	Values Between SQL and MDL.	QA
TS	Holding Time Or Transport Temperature Is Out Of Specs.	NULL

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional concurrence are shown in lower case.